

Converting Colors

`RYB(252, 242, 218)`

Have a look what the booklet for
RYB(252, 242, 218) contains.

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Color

R_YB(252, 242, 218)

Conversions

Conversions Part 1

Format	Color
Hex	FCE8DA
RGB	252, 232, 218
RGB Percent	99%, 91%, 85%
CMY	0.0118, 0.0899, 0.1451
CMYK	0.00, 0.08, 0.13, 0.01
HSL	25°, 85%, 92%
HSV	25°, 13%, 99%
XYZ	81.6758, 83.5095, 78.1438
YIQ	236.3840, 16.4140, -0.1140

Conversions

Conversions Part 2

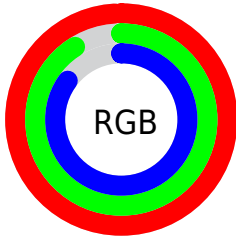
Format	Color
RYB	252, 242, 218
Decimal	16574682
CIELab	93.24, 4.51, 9.28
CIELCh	93, 10.314, 64.072
Yxy	83.5095, 0.3357, 0.3432
Android (android.graphics.Color)	4294764762 (0xFFFC E8DA)
YUV	236.3840, -9.0633, 13.6952
Hunter-Lab	91.3835, -0.3833, 13.2684

Details

The RYB color **252, 242, 218** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **218, 231, 252**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 185, 163** is the 20% darker color. If you saturate the color by 10%, you get **252, 233, 193**, and if you desaturate by 10%, it is 252, 250, 243.

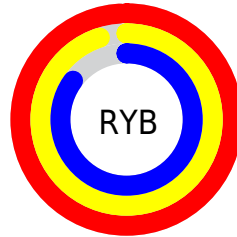
Distribution



Red (99%)

Green (91%)

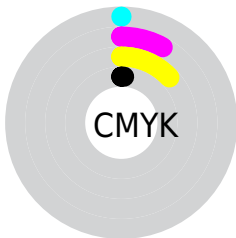
Blue (85%)



Red (99%)

Yellow (95%)

Blue (85%)

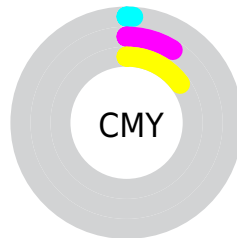


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 242, 218 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 252, 242, 218 by changing the saturation by 10% instead.

 252, 242, 218


255, 255, 255

 252, 242, 218


 223, 214, 190

 195, 185, 163

 168, 159, 137


 141, 134, 111

 116, 107, 87

 91, 83, 64

 67, 62, 42

 44, 39, 21

 24, 12, 0

 252, 242, 218

 252, 242, 218

 252, 233, 193

 252, 250, 243


 252, 228, 168


 252, 254, 255

 252, 221, 142

 252, 213, 117

 252, 204, 92

 252, 196, 67

 252, 191, 42

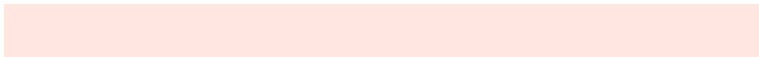
 252, 184, 16

 252, 177, 0

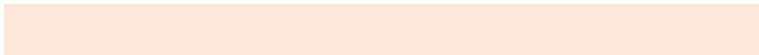
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 231, 225



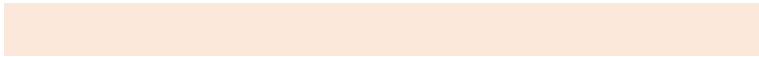
252, 242, 218



227, 243, 216

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 242, 218



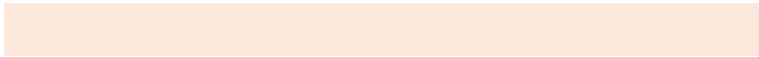
213, 229, 242



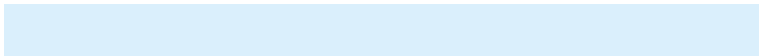
239, 233, 252

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



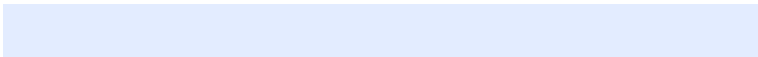
252, 242, 218



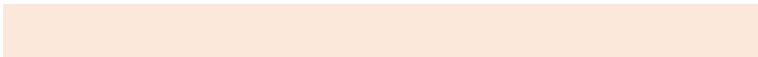
218, 231, 252

Split Complementary

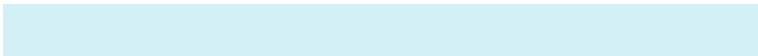
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 234, 255



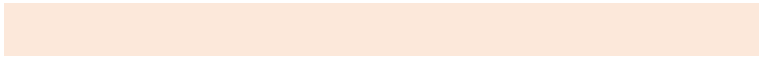
252, 242, 218



211, 227, 246

Square

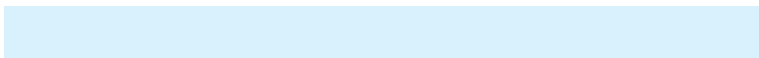
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



252, 242, 218



220, 236, 241



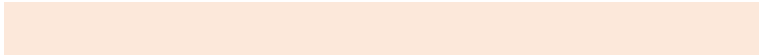
217, 231, 253



250, 230, 244

Rectangle

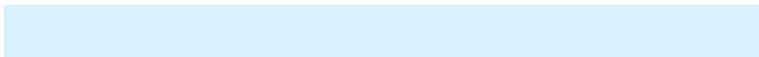
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 242, 218



217, 237, 219



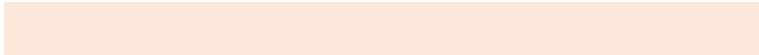
217, 231, 253



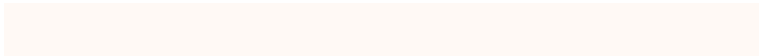
235, 234, 254

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



252, 242, 218



255, 252, 245



252, 218, 238



128, 126, 121



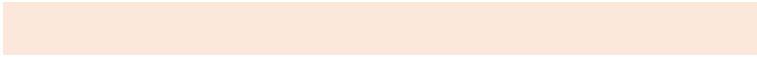
0, 0, 0



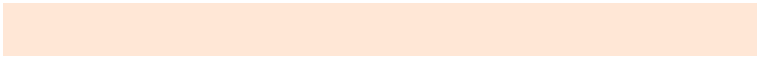
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 242, 218



255, 243, 214



221, 252, 218



125, 123, 112



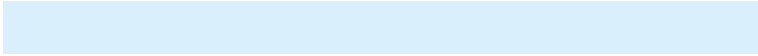
189, 133, 0



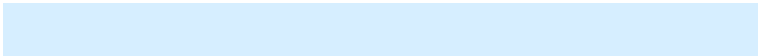
61, 42, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



218, 231, 252



214, 229, 255



218, 221, 252



112, 117, 125



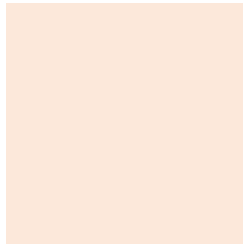
0, 70, 189



0, 23, 61

Previews

White Background



This preview shows how the RYB color 252, 242, 218 looks on a white background.

Color Contrast Check

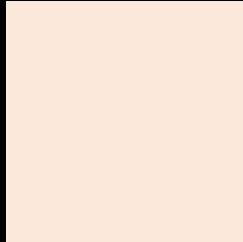
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 252, 242, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

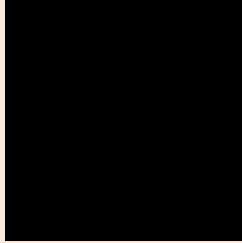
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 252, 242, 218 Background



This preview shows how black text looks on a background with the RYB color 252, 242, 218.

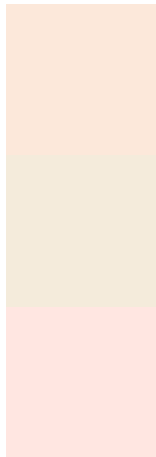


This preview shows how white text looks on a background with the RYB color 252, 242, 218.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
252, 242, 218

Protanopia
233, 244, 219

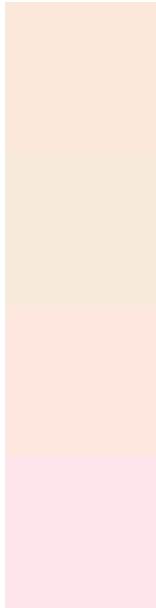
Deuteranopia
255, 231, 225



Tritanopia

255, 228, 245

Trichromacy



Original Color

252, 242, 218

Protanomaly

243, 247, 219

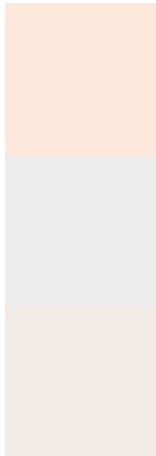
Deuteranomaly

254, 235, 222

Tritanomaly

254, 229, 235

Monochromacy



Original Color

252, 242, 218

Achromatopsia

236, 236, 236

Achromatomaly

242, 240, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 242, 218 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(252, 232, 218) looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 232, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 218) }
```

Border

The CSS property to change the border of an element to RYB 252, 242, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 232, 218) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(252, 232, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(252, 232, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 218);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 252, 242, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
232, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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