

Converting Colors

`RYB(218, 222, 227)`

Have a look what the booklet for
RYB(218, 222, 227) contains.

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Color

R_YB(218, 222, 227)

Conversions

Conversions Part 1

Format	Color
Hex	DAE1E3
RGB	218, 225, 227
RGB Percent	85%, 88%, 89%
CMY	0.1451, 0.1169, 0.1098
CMYK	0.04, 0.01, 0.00, 0.11
HSL	192°, 14%, 87%
HSV	192°, 4%, 89%
XYZ	69.7579, 74.4101, 83.3590
YIQ	223.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

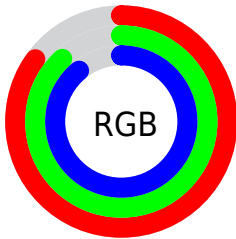
Format	Color
R_{YB}	218, 222, 227
Decimal	14344675
CIE _{Lab}	89.12, -2.07, -1.73
CIE _{LCh}	89, 2.699, 219.796
Yxy	74.4101, 0.3066, 0.3270
Android (android.graphics.Color)	4292534755 (0xFFDAE1E3)
YUV	223.1350, 1.9054, -4.5034
Hunter-Lab	86.2613, -6.6077, 3.0877

Details

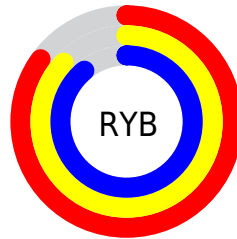
The RYB color **218, 222, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 221, 218**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 167, 172** is the 20% darker color. If you saturate the color by 10%, you get **195, 209, 227**, and if you desaturate by 10%, it is **241, 231, 227**.

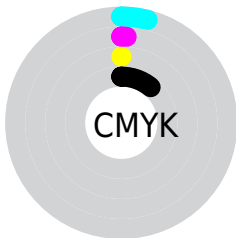
Distribution



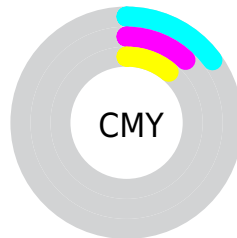
- Red (85%)
- Green (88%)
- Blue (89%)



- Red (85%)
- Yellow (87%)
- Blue (89%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 222, 227 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 218, 222, 227 by changing the saturation by 10% instead.

■ 218, 222, 227

255, 255, 255

■ 218, 222, 227

■ 190, 194, 199

■ 163, 167, 172

■ 137, 141, 145

■ 111, 115, 120

■ 87, 90, 95

■ 64, 67, 71

■ 42, 45, 49

■ 21, 24, 28

■ 0, 0, 0

■ 218, 222, 227

■ 218, 222, 227

■ 195, 209, 227

■ 241, 231, 227

■ 173, 197, 227

■ 255, 236, 227

■ 150, 184, 227

■ 255, 248, 227

■ 127, 171, 227

■ 248, 255, 227

■ 105, 159, 227

■ 236, 255, 227

■ 82, 146, 227

■ 230, 255, 227

■ 59, 134, 227

■ 227, 255, 227

■ 36, 121, 227

■ 14, 109, 227

Harmonies

Analogous

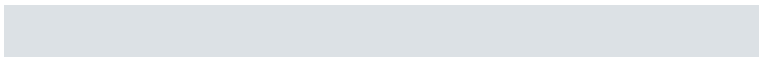
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218, 222, 225



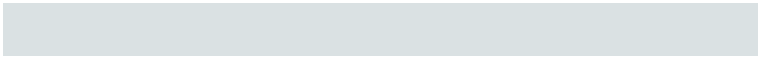
218, 222, 227



220, 223, 229

Triad

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



218, 222, 227



228, 222, 226



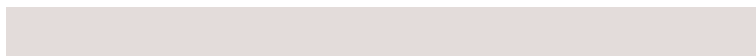
220, 225, 219

Complementary

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



218, 222, 227



227, 221, 218

Split Complementary

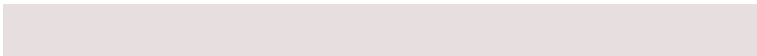
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228, 226, 219



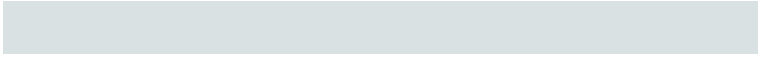
218, 222, 227



230, 222, 223

Square

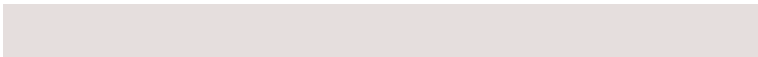
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218, 222, 227



225, 223, 228



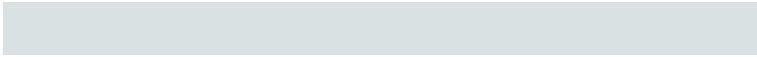
229, 222, 221



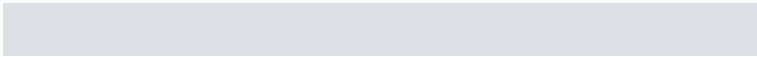
220, 225, 223

Rectangle

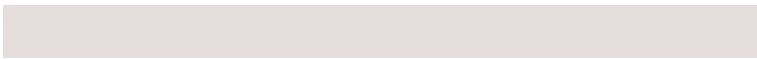
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



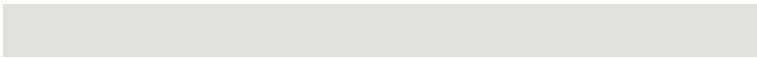
218, 222, 227



221, 223, 229



229, 222, 221



222, 226, 219

Sweetspot

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



218, 222, 227



252, 253, 255



218, 225, 227



126, 127, 128



0, 0, 0



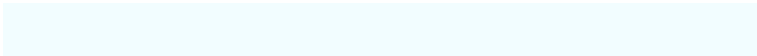
128, 128, 128

Same Dimension

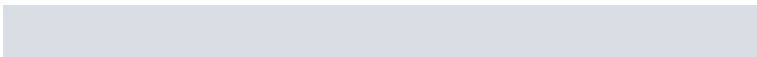
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218, 222, 227



242, 248, 255



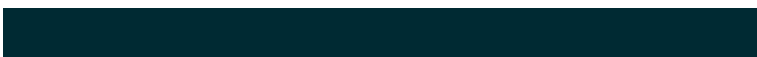
218, 220, 227



108, 111, 115



0, 79, 179



0, 23, 51

Inverse Universe

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



227, 218, 225



255, 242, 252



223, 227, 218



115, 108, 113



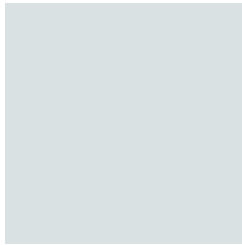
179, 0, 143



51, 0, 41

Previews

White Background



This preview shows how the RYB color 218, 222, 227 looks on a white background.

Color Contrast Check

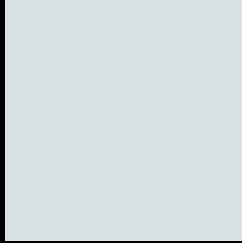
Large Text (above 18pt) WCAG AA × Fail

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 218, 222, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

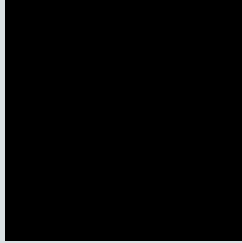
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

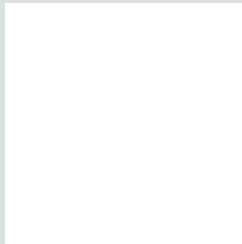
Any Text WCAG AAA ✓ Pass

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

RYB 218, 222, 227 Background



This preview shows how black text looks on a background with the RYB color 218, 222, 227.



This preview shows how white text looks on a background with the RYB color 218, 222, 227.

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](#).

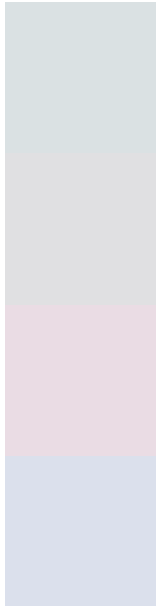
Dichromacy





Tritanopia
220, 223, 241

Trichromacy



Original Color

218, 222, 227

Protanomaly

224, 224, 226

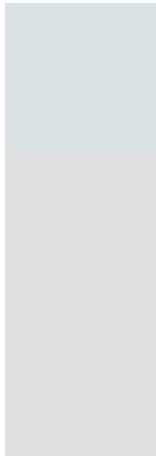
Deuteranomaly

234, 220, 228

Tritanomaly

219, 223, 236

Monochromacy



Original Color

218, 222, 227

Achromatopsia

223, 223, 223

Achromatomaly

221, 223, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 222, 227 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(218, 225, 227) looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 227)  
}
```

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(218, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 227) }
```

Border

The CSS property to change the border of an element to RYB 218, 222, 227 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(218, 225, 227) }
```

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

```
.border{ border-color:rgb(218, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 225,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 218, 225, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 227) }
```

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

```
.background{ background-color: rgb(218,  
225, 227) }
```

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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