

Converting Colors

`RYB(213, 142, 124)`

Have a look what the booklet for
RYB(213, 142, 124) contains.

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Color

$\text{RYB}(213, 142, 124)$

Conversions

Conversions Part 1

Format	Color
Hex	D58B7C
RGB	213, 139, 124
RGB Percent	84%, 55%, 49%
CMY	0.1647, 0.4550, 0.5137
CMYK	0.00, 0.35, 0.42, 0.16
HSL	10°, 51%, 66%
HSV	10°, 42%, 84%
XYZ	40.3072, 34.0585, 23.5183
YIQ	159.4160, 48.9190, 11.0230

Conversions

Conversions Part 2

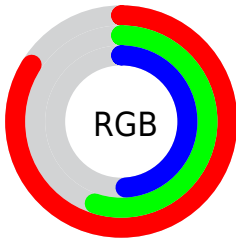
Format	Color
RYB	213, 142, 124
Decimal	13994876
CIELab	65.01, 26.47, 19.67
CIELCh	65, 32.983, 36.613
Yxy	34.0585, 0.4118, 0.3479
Android (android.graphics.Color)	4292184956 (0xFFD58B7C)
YUV	159.4160, -17.4601, 46.9932
Hunter-Lab	58.3597, 21.1551, 16.9585

Details

The RYB color **213, 142, 124** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **124, 164, 213**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 197, 177**, and **156, 90, 75** is the 20% darker color. If you saturate the color by 10%, you get **213, 125, 103**, and if you desaturate by 10%, it is **213, 160, 145**.

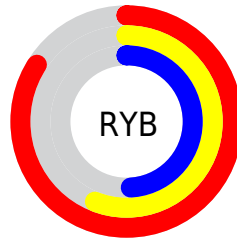
Distribution



Red (84%)

Green (55%)

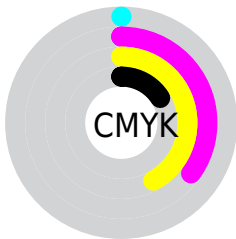
Blue (49%)



Red (84%)

Yellow (56%)

Blue (49%)

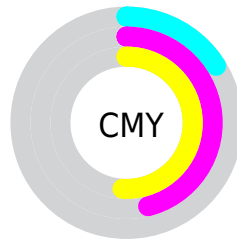


Cyan (0%)

Magenta (35%)

Yellow (42%)

Black (16%)



Cyan (16%)

Magenta (46%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 142, 124 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 213, 142, 124 by changing the saturation by 10% instead.

 213, 142, 124

 213, 142, 124

255, 255, 255

 184, 116, 99


 255, 197, 177

 156, 90, 75

 255, 230, 204

 128, 66, 52

 238, 255, 232

 101, 43, 31

 75, 18, 8

 49, 0, 0

 13, 0, 0


 0, 0, 0


 213, 142, 124


 213, 142, 124

 213, 125, 103

 213, 160, 145

 213, 109, 81


 213, 175, 167

 213, 91, 60

 213, 193, 188

 213, 74, 39

 213, 210, 209

 213, 56, 18

 213, 221, 231

 213, 43, 0

 213, 231, 252

 213, 234, 255

Harmonies

Analogous

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



215, 135, 152



213, 142, 124



197, 188, 104

Triad

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



213, 142, 124



104, 152, 172



127, 150, 216

Complementary

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



213, 142, 124



124, 164, 213

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.



79, 132, 211



213, 142, 124



67, 123, 174

Square

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



213, 142, 124



109, 166, 136



48, 115, 192



170, 148, 205

Rectangle

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



213, 142, 124



137, 181, 99



48, 115, 192



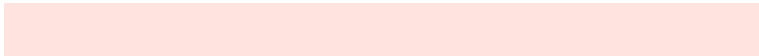
111, 145, 216

Sweetspot

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



213, 142, 124



255, 228, 222



213, 124, 198



128, 112, 107



0, 0, 0



128, 128, 128

Same Dimension

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



213, 142, 124



255, 153, 128



169, 213, 124



107, 98, 96



171, 35, 0



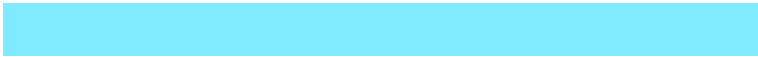
43, 8, 0

Inverse Universe

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



124, 164, 213



128, 186, 255



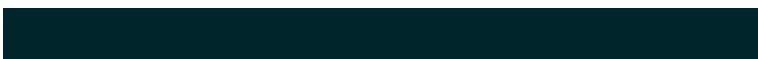
124, 146, 213



96, 101, 107



0, 78, 171



0, 20, 43

Previews

White Background



This preview shows how the RYB color 213, 142, 124 looks on a white background.

Color Contrast Check

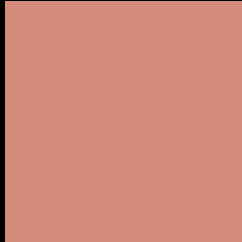
Large Text (above 18pt) WCAG AA × Fail

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 213, 142, 124 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](#).

R Y B 213, 142, 124 Background



This preview shows how black text looks on a background with the RYB color 213, 142, 124.

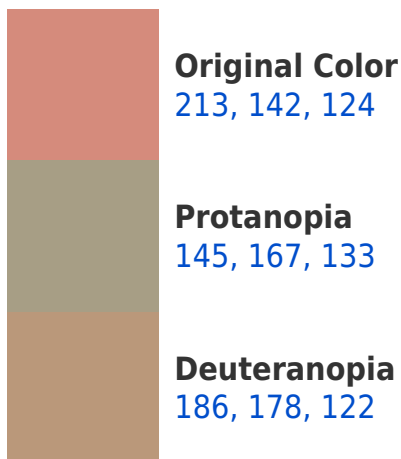



This preview shows how white text looks on a background with the RYB color 213, 142, 124.

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
215, 136, 146

Trichromacy



Original Color

213, 142, 124

Protanomaly

184, 164, 130

Deuteranomaly

196, 159, 123

Tritanomaly

214, 137, 138

Monochromacy



Original Color

213, 142, 124

Achromatopsia

159, 159, 159

Achromatomaly

179, 153, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 142, 124 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(213, 139, 124)` looks like.

```
.text, #text, p{  
    color:rgb(213, 139, 124)  
}
```

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(213, 139, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 139, 124) }
```

Border

The CSS property to change the border of an element to RYB 213, 142, 124 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(213, 139, 124) }
```

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

```
.border{ border-color:rgb(213, 139, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 139, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 139, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 139, 124);  
box-shadow:4px 4px 4px 4px rgb(213, 139,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 213, 139, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 139, 124) }
```

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

```
.background{ background-color: rgb(213,  
139, 124) }
```

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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