

Converting Colors

RGB(215, 152, 112)

Have a look what the booklet for
RGB(215, 152, 112) contains.

RGB(215, 152, 112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(215, 152, 112)

Conversions

Conversions Part 1

Format	Color
Hex	D79870
RGB	215, 152, 112
RGB Percent	84%, 60%, 44%
CMY	0.1569, 0.4039, 0.5608
CMYK	0.00, 0.29, 0.48, 0.16
HSL	23°, 56%, 64%
HSV	23°, 48%, 84%
XYZ	42.1772, 38.0734, 20.4552
YIQ	166.2770, 50.3880, 0.9160

Conversions

Conversions Part 2

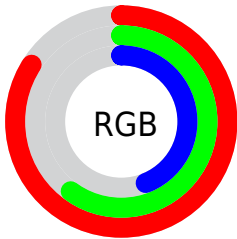
Format	Color
R_{YB}	215, 177, 112
Decimal	14129264
CIE _{Lab}	68.07, 18.98, 30.41
CIE _{LCh}	68, 35.849, 58.028
Yxy	38.0734, 0.4188, 0.3781
Android (android.graphics.Color)	4292319344 (0xFFD79870)
YUV	166.2770, -26.7586, 42.7301
Hunter-Lab	61.7036, 14.0313, 23.5375

Details

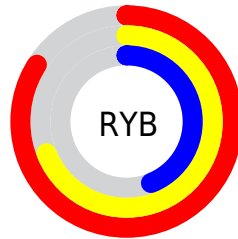
The RGB color **215, 152, 112** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **112, 175, 215**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 206, 164**, and **158, 101, 63** is the 20% darker color. If you saturate the color by 10%, you get **215, 139, 91**, and if you desaturate by 10%, it is **215, 165, 134**.

Distribution



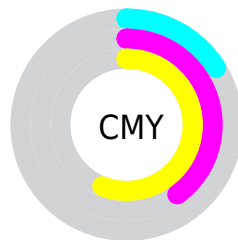
- Red (84%)
- Green (60%)
- Blue (44%)



- Red (84%)
- Yellow (69%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (48%)
- Black (16%)



- Cyan (16%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 152, 112 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 RGB color 215, 152, 112 by changing the saturation by 10% instead.

 215, 152, 112

 215, 152, 112

255, 255, 255

 186, 126, 87

 255, 206, 164

 158, 101, 63

 255, 235, 191

 130, 77, 41

 255, 255, 219

 102, 53, 19

 255, 255, 248


 76, 31, 0

 50, 10, 0

 23, 0, 0


 0, 0, 0

 215, 152, 112


 215, 152, 112

 215, 139, 91


 215, 165, 134

 215, 126, 69


 215, 178, 155

 215, 113, 48


 215, 191, 177

 215, 99, 26

 215, 205, 198

 215, 86, 5

 215, 218, 220

 215, 83, 0

 215, 231, 241

 215, 244, 255

 215, 255, 255

Harmonies

Analogous

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



228, 143, 137



215, 152, 112



189, 163, 101

Triad

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



215, 152, 112



76, 183, 163



167, 158, 223

Complementary

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



215, 152, 112



112, 175, 215

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.



116, 170, 230



215, 152, 112



37, 183, 195

Square

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



215, 152, 112



118, 180, 131



61, 178, 220



205, 147, 201

Rectangle

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



215, 152, 112



168, 170, 103



61, 178, 220



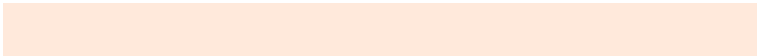
151, 162, 227

Sweetspot

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



215, 152, 112



255, 233, 219



215, 112, 176



128, 114, 106



0, 0, 0



128, 128, 128

Same Dimension

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



215, 152, 112



255, 166, 110



215, 203, 112



107, 101, 96



171, 66, 0



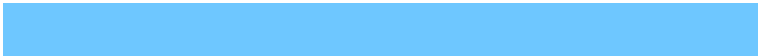
43, 17, 0

Inverse Universe

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



112, 175, 215



110, 199, 255



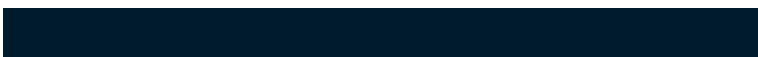
112, 124, 215



96, 103, 107



0, 105, 171



0, 27, 43

Previews

White Background



This preview shows how the RGB color 215, 152, 112 looks on a white background.

Color Contrast Check

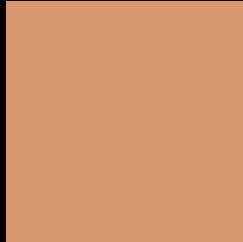
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 215, 152, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

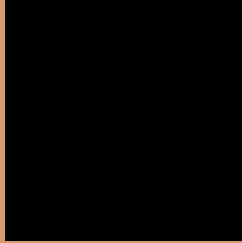
Any Text WCAG AA ✓ Pass

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](#).

RGB 215, 152, 112 Background



This preview shows how black text looks on a background with the RGB color 215, 152, 112.



This preview shows how white text looks on a background with the RGB color 215, 152, 112.

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
215, 152, 112

Protanopia
179, 166, 118

Deuteranopia
199, 159, 111



Tritanopia
219, 146, 157

Trichromacy



Original Color
215, 152, 112

Protanomaly
192, 161, 116

Deuteranomaly
205, 156, 111

Tritanomaly
218, 148, 141

Monochromacy



Original Color
215, 152, 112

Achromatopsia
166, 166, 166

Achromatomaly
184, 161, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 152, 112 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(215, 152, 112)` looks like.

```
.text, #text, p{  
    color:rgb(215, 152, 112)  
}
```

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(215, 152, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 152, 112) }
```

Border

The CSS property to change the border of an element to RGB 215, 152, 112 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(215, 152, 112) }
```

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

```
.border{ border-color:rgb(215, 152, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 152, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 152, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 152, 112);  
box-shadow:4px 4px 4px 4px rgb(215, 152,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 215, 152, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 152, 112) }
```

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

```
.background{ background-color: rgb(215,  
152, 112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor