

Converting Colors

RGB(213, 125, 62)

Have a look what the booklet for
RGB(213, 125, 62) contains.

RGB(213, 125, 62)	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(213, 125, 62)

Conversions

Conversions Part 1

Format	Color
Hex	D57D3E
RGB	213, 125, 62
RGB Percent	84%, 49%, 24%
CMY	0.1647, 0.5098, 0.7569
CMYK	0.00, 0.41, 0.71, 0.16
HSL	25°, 64%, 54%
HSV	25°, 71%, 84%
XYZ	35.6437, 29.1612, 8.3075
YIQ	144.1300, 72.6710, -0.9370

Conversions

Conversions Part 2

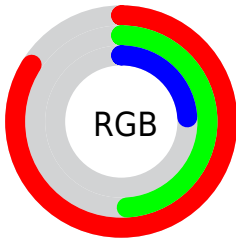
Format	Color
R_{YB}	213, 170, 62
Decimal	13991230
CIE _{Lab}	60.92, 29.00, 47.80
CIE _{LCh}	61, 55.909, 58.756
Yxy	29.1612, 0.4875, 0.3989
Android (android.graphics.Color)	4292181310 (0xFFD57D3E)
YUV	144.1300, -40.4901, 60.3990
Hunter-Lab	54.0011, 23.3180, 28.6796

Details

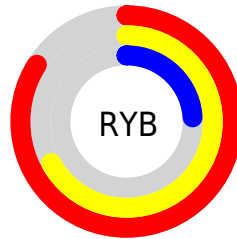
The RGB color **213, 125, 62** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **62, 150, 213**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 178, 112**, and **153, 75, 10** is the 20% darker color. If you saturate the color by 10%, you get **213, 113, 41**, and if you desaturate by 10%, it is **213, 137, 83**.

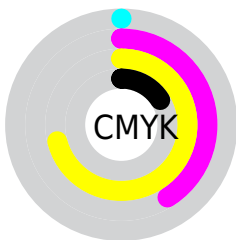
Distribution



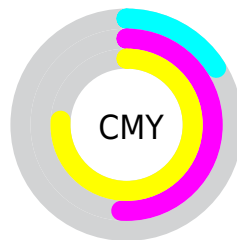
- Red (84%)
- Green (49%)
- Blue (24%)



- Red (84%)
- Yellow (67%)
- Blue (24%)



- Cyan (0%)
- Magenta (41%)
- Yellow (71%)
- Black (16%)



- Cyan (16%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 125, 62 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 213, 125, 62 by changing the saturation by 10% instead.



213, 125, 62



213, 125, 62

255, 255, 255



183, 100, 37



255, 178, 112



153, 75, 10



255, 206, 139



124, 51, 0



255, 234, 165



95, 28, 0



255, 255, 193



67, 3, 0



255, 255, 221



43, 0, 1



255, 255, 250



0, 0, 0



213, 125, 62




213, 125, 62



213, 113, 41



213, 137, 83

 213, 100, 19

 213, 150, 105

 213, 89, 0

 213, 162, 126

 213, 175, 147

 213, 187, 169

 213, 199, 190

 213, 212, 211

 213, 224, 232

 213, 237, 254

Harmonies

Analogous

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



235, 107, 102



213, 125, 62



175, 144, 40

Triad

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



213, 125, 62



0, 171, 143



144, 135, 234

Complementary

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



213, 125, 62



62, 150, 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.



0, 153, 246



213, 125, 62



0, 170, 193

Square

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



213, 125, 62



56, 167, 93



0, 165, 231



205, 114, 199

Rectangle

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



213, 125, 62



144, 154, 45



0, 165, 231



115, 142, 241

Sweetspot

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



213, 125, 62



255, 224, 201



213, 62, 150



128, 109, 96



0, 0, 0



128, 128, 128

Same Dimension

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



213, 125, 62



255, 129, 38



213, 200, 62



107, 101, 96



171, 71, 0



43, 18, 0

Inverse Universe

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



62, 150, 213



38, 165, 255



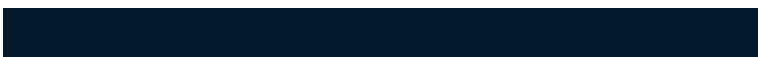
62, 75, 213



96, 103, 107



0, 100, 171



0, 25, 43

Previews

White Background



This preview shows how the RGB color 213, 125, 62 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 213, 125, 62 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

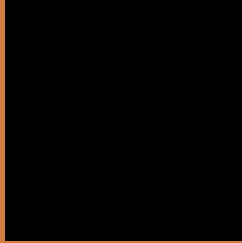
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 213, 125, 62 Background



This preview shows how black text looks on a background with the RGB color 213, 125, 62.



This preview shows how white text looks on a background with the RGB color 213, 125, 62.

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
213, 125, 62

Protanopia
163, 148, 69

Deuteranopia
184, 140, 58



Tritanopia
217, 118, 126

Trichromacy



Original Color
213, 125, 62

Protanomaly
181, 140, 66

Deuteranomaly
195, 135, 59

Tritanomaly
216, 121, 103

Monochromacy



Original Color
213, 125, 62

Achromatopsia
144, 144, 144

Achromatomaly
169, 137, 114

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 125, 62 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, 125, 62)` looks like.

```
.text, #text, p{  
    color:rgb(213, 125, 62)  
}
```

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, 125, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 125, 62) }
```

Border

The CSS property to change the border of an element to RGB 213, 125, 62 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, 125, 62) }
```

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

```
.border{ border-color:rgb(213, 125, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 125, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 125, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 125, 62);  
box-shadow:4px 4px 4px 4px rgb(213, 125,  
62) }
```

Background

The CSS property to change the background color of an element to RGB 213, 125, 62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 125, 62) }
```

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

```
.background{ background-color: rgb(213,  
125, 62) }
```

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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