

Converting Colors

RGB(210, 105, 30)

Have a look what the booklet for
RGB(210, 105, 30) contains.

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Color

RGB(210, 105, 30)

Conversions

Conversions Part 1

Format	Color
Hex	D2691E
RGB	210, 105, 30
RGB Percent	82%, 41%, 12%
CMY	0.1765, 0.5882, 0.8824
CMYK	0.00, 0.50, 0.86, 0.18
HSL	25°, 75%, 47%
HSV	25°, 86%, 82%
XYZ	31.8643, 23.8985, 4.1617
YIQ	127.8450, 86.6550, -1.0650

Conversions

Conversions Part 2

Format	Color
R _Y B	210, 159, 30
Decimal	13789470
CIE Lab	55.99, 37.06, 56.74
CIE LCh	56, 67.773, 56.852
Yxy	23.8985, 0.5317, 0.3988
Android (android.graphics.Color)	4291979550 (0xFFD2691E)
YUV	127.8450, -48.2376, 72.0499
Hunter-Lab	48.8861, 30.7966, 29.1728

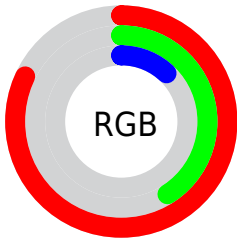
Details

The RGB color **210, 105, 30** is a dark color, and the websafe version is hex **CC6600**, and the color name is **cocoa brown**. The color can be described as dark washed orange. A complement of this color would be **30, 135, 210**, and the grayscale version is **128, 128, 128**.

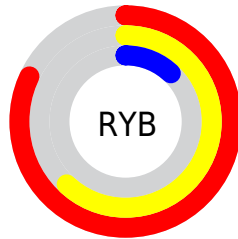
A 20% lighter version of the original color is **255, 158, 82**, and **149, 55, 0** is the 20% darker color. If you saturate the color by 10%, you get **210, 93, 9**, and if you desaturate by 10%, it is **210, 117, 51**.

Another name for this color is chocolate.

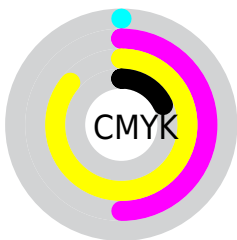
Distribution



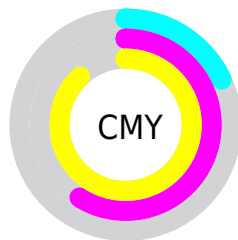
- Red (82%)
- Green (41%)
- Blue (12%)



- Red (82%)
- Yellow (62%)
- Blue (12%)



- Cyan (0%)
- Magenta (50%)
- Yellow (86%)
- Black (18%)





















- Cyan (18%)
- Magenta (59%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 105, 30 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 210, 105, 30 by changing the saturation by 10% instead.

 210, 105, 30	 210, 105, 30
 255, 255, 255	 179, 80, 0
 255, 158, 82	 149, 55, 0
 255, 185, 108	 118, 29, 0
 255, 213, 135	 89, 0, 0
 255, 242, 162	 61, 0, 0
 255, 255, 189	 34, 0, 1
 255, 255, 218	 0, 0, 0
 255, 255, 247	

 210, 105, 30	 210, 105, 30
--	--

■ 210, 93, 9

■ 210, 117, 51

■ 210, 87, 0

■ 210, 130, 72

■ 210, 142, 93

■ 210, 154, 114

■ 210, 166, 135

■ 210, 179, 156

■ 210, 191, 177

■ 210, 203, 198

■ 210, 215, 219

Harmonies

Analogous

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



235, 79, 85



210, 105, 30



166, 129, 0

Triad

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



210, 105, 30



0, 160, 126



118, 121, 240

Complementary

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



210, 105, 30



30, 135, 210

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, 143, 253



210, 105, 30



0, 161, 186

Square

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



210, 105, 30



0, 156, 65



0, 156, 233



198, 92, 200

Rectangle

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



210, 105, 30



130, 142, 0



0, 156, 233



69, 130, 248

Sweetspot

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



210, 105, 30



255, 216, 189



210, 30, 135



128, 104, 88



0, 0, 0



128, 128, 128

Same Dimension

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



210, 105, 30



255, 106, 0



210, 195, 30



105, 98, 94



168, 70, 0



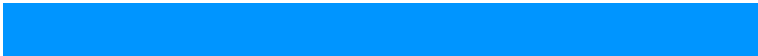
41, 17, 0

Inverse Universe

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



30, 135, 210



0, 149, 255



30, 45, 210



94, 100, 105



0, 98, 168



0, 24, 41

Previews

White Background



This preview shows how the RGB color 210, 105, 30 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 210, 105, 30 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

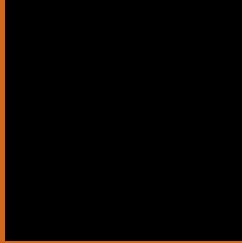
Any Text WCAG AA ✓ Pass

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 210, 105, 30 Background



This preview shows how black text looks on a background with the RGB color 210, 105, 30.



This preview shows how white text looks on a background with the RGB color 210, 105, 30.

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
210, 105, 30

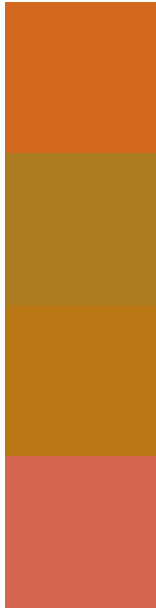
Protanopia
151, 135, 38

Deuteranopia
170, 128, 16



Tritanopia
213, 98, 105

Trichromacy



Original Color
210, 105, 30

Protanomaly
172, 124, 35

Deuteranomaly
185, 120, 21

Tritanomaly
212, 101, 78

Monochromacy



Original Color
210, 105, 30

Achromatopsia
128, 128, 128

Achromatomaly
158, 120, 92

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 105, 30 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(210, 105, 30)` looks like.

```
.text, #text, p{  
    color:rgb(210, 105, 30)  
}
```

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(210, 105, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 105, 30) }
```

Border

The CSS property to change the border of an element to RGB 210, 105, 30 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(210, 105, 30) }
```

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

```
.border{ border-color:rgb(210, 105, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 105, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 105, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 105, 30);  
box-shadow:4px 4px 4px 4px rgb(210, 105,  
30) }
```

Background

The CSS property to change the background color of an element to RGB 210, 105, 30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 105, 30) }
```

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

```
.background{ background-color: rgb(210,  
105, 30) }
```

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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