Converting Colors

RGB(183, 111, 32)

Have a look what the booklet for RGB(183, 111, 32) contains.

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Color

RGB(183, 111, 32)

Conversions

Conversions Part 1

Format	Color
Hex	B76F20
RGB	183, 111, 32
RGB Percent	72%, 44%, 13%
CMY	0.2824, 0.5647, 0.8745
CMYK	0.00, 0.39, 0.83, 0.28
HSL	31°, 70%, 42%
HSV	31°, 83%, 72%
XYZ	25.4736, 21.5404, 4.1816
YIQ	123.5220, 68.2710, -9.3050

Conversions

Conversions Part 2

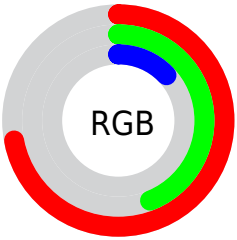
Format	Color
RYB	170, 183, 32
Decimal	12021536
CIELab	53.54, 22.65, 52.41
CIELCh	54, 57.095, 66.633
Yxy	21.5404, 0.4976, 0.4207
Android (android.graphics.Color)	4290211616 (0xFFB76F20)
YUV	123.5220, -45.1203, 52.1622
Hunter-Lab	46.4117, 16.7513, 27.1462

Details

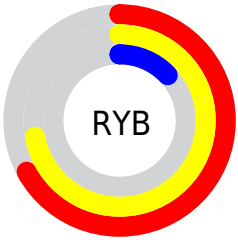
The RGB color 183, 111, 32 is a dark color, and the websafe version is hex 996600. A complement of this color would be 32, 104, 183, and the grayscale version is 124, 124, 124.

A 20% lighter version of the original color is 244, 163, 83, and 124, 63, 0 is the 20% darker color. If you saturate the color by 10%, you get 183, 102, 14, and if you desaturate by 10%, it is 183, 120, 50.

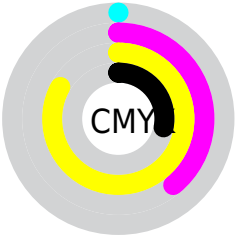
Distribution



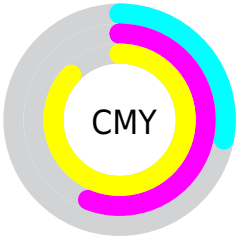
- Red (72%)
- Green (44%)
- Blue (13%)



- Red (67%)
- Yellow (72%)
- Blue (13%)



- Cyan (0%)
- Magenta (39%)
- Yellow (83%)
- Black (28%)



- Cyan (28%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 111, 32 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 183, 111, 32 by changing the saturation by 10% instead.

183, 111, 32

255, 255, 255

244, 163, 83

255, 190, 109

255, 218, 136

255, 247, 163

255, 255, 190

255, 255, 219

255, 255, 248

183, 111, 32

153, 86, 0

124, 63, 0

96, 40, 0

68, 18, 0

43, 0, 0

0, 0, 0

183, 111, 32

183, 111, 32

183, 102, 14

183, 96, 0

183, 120, 50

183, 128, 69

183, 137, 87

183, 146, 105

183, 155, 124

183, 163, 142

183, 172, 160

183, 181, 178

183, 190, 197

Harmonies

Analogous

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

210, 91, 72

183, 111, 32

142, 129, 10

Triad

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

183, 111, 32

0, 151, 138

143, 110, 207

Complementary

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

183, 111, 32

32, 104, 183

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.

11, 130, 226

183, 111, 32

0, 150, 185

Square

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

183, 111, 32

0, 148, 87

0, 143, 218

195, 88, 168

Rectangle

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

183, 111, 32

109, 138, 28

0, 143, 218

117, 117, 216

Sweetspot

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

183, 111, 32

237, 209, 178

183, 32, 105

120, 103, 84

247, 247, 247

120, 120, 120

Same Dimension

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

183, 111, 32

237, 125, 2

180, 183, 32

92, 87, 83

156, 81, 0

28, 15, 0

Inverse Universe

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

32, 104, 183

2, 114, 237

35, 32, 183

83, 87, 92

0, 74, 156

0, 13, 28

Previews

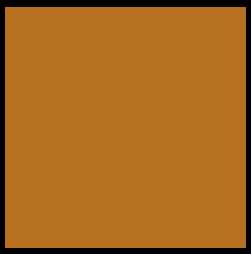
White Background

This preview shows how the RGB color 183, 111, 32 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



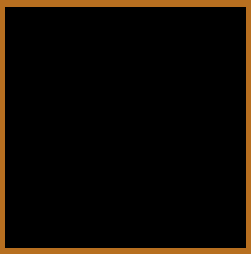
This preview shows how the RGB color 183, 111, 32 looks on a black background.

Color Contrast Check

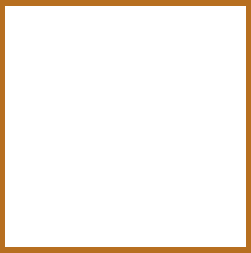
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 183, 111, 32 Background



This preview shows how black text looks on a background with the RGB color 183, 111, 32.



This preview shows how white text looks on a background with the RGB color 183, 111, 32.

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
183, 111, 32

Protanopia
144, 129, 37

Deuteranopia
162, 122, 27

Tritanopia
187, 104, 111

Trichromacy

Original Color
183, 111, 32

Protanomaly
158, 122, 35

Deuteranomaly
170, 118, 29

Tritanomaly
186, 107, 82

Monochromacy

Original Color
183, 111, 32

Achromatopsia
124, 124, 124

Achromatomaly
145, 119, 91

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 111, 32 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(183, 111, 32) looks like.

```
.text, #text, p{
    color:rgb(183, 111, 32)
}
```

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(183, 111, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 111, 32) }
```

Border

The CSS property to change the border of an element to RGB 183, 111, 32 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(183, 111, 32) }
```

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

```
.border{ border-color:rgb(183, 111, 32) }
```

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

Here you see how a box with a 4 pixel rgb(183, 111, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 111, 32); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 111, 32); box-shadow:4px 4px 4px 4px rgb(183, 111, 32) }
```

Background

The CSS property to change the background color of an element to RGB 183, 111, 32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(183, 111, 32) }
```

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

```
.background{ background-color:rgb(183,
111, 32) }
```

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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