

Converting Colors

RGB(187, 77, 0)

Have a look what the booklet for
RGB(187, 77, 0) contains.

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Color

RGB(187, 77, 0)

Conversions

Conversions Part 1

Format	Color
Hex	BB4D00
RGB	187, 77, 0
RGB Percent	73%, 30%, 0%
CMY	0.2667, 0.6980, 1.0000
CMYK	0.00, 0.59, 1.00, 0.27
HSL	25°, 100%, 37%
HSV	25°, 100%, 73%
XYZ	23.1474, 15.8725, 1.8437
YIQ	101.1120, 90.2770, -0.6270

Conversions

Conversions Part 2

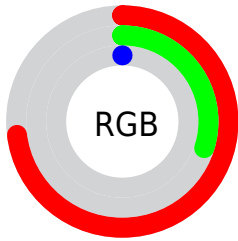
Format	Color
RYB	187, 131, 0
Decimal	12274944
CIELab	46.81, 41.52, 56.93
CIELCh	47, 70.464, 53.894
Yxy	15.8725, 0.5665, 0.3884
Android (android.graphics.Color)	4290465024 (0xFFBB4D00)
YUV	101.1120, -49.8482, 75.3238
Hunter-Lab	39.8404, 33.9885, 25.1445

Details

The RGB color **187, 77, 0** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0, 110, 187**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **250, 129, 59**, and **126, 24, 0** is the 20% darker color. If you saturate the color by 10%, you get **187, 77, 0**, and if you desaturate by 10%, it is **187, 88, 19**.

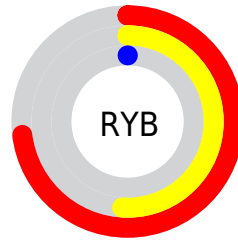
Distribution



Red (73%)

Green (30%)

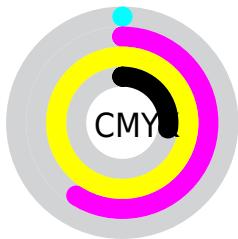
Blue (0%)



Red (73%)

Yellow (51%)

Blue (0%)

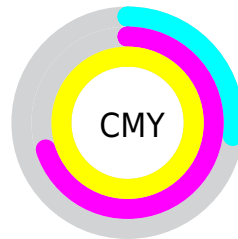


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 77, 0 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 187, 77, 0 by changing the saturation by 10% instead.

 187, 77, 0


 187, 77, 0

 255, 255, 249

 156, 51, 0

 250, 129, 59

 126, 24, 0

 255, 156, 84

 96, 0, 0

 255, 184, 110

 67, 0, 0

 255, 212, 137

 41, 0, 1

 255, 241, 164

 0, 0, 0

 255, 255, 192

 255, 255, 220

 187, 77, 0

■ 187, 88, 19

■ 187, 99, 37

■ 187, 110, 56

■ 187, 121, 75

■ 187, 132, 94

■ 187, 143, 112

■ 187, 154, 131

■ 187, 165, 150

■ 187, 176, 168

Harmonies

Analogous

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



211, 42, 67



187, 77, 0



145, 104, 0

Triad

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



187, 77, 0



0, 135, 97



73, 101, 221

Complementary

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



187, 77, 0



0, 110, 187

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, 122, 230



187, 77, 0



0, 136, 158

Square

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



187, 77, 0



0, 131, 32



0, 133, 207



169, 68, 182

Rectangle

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



187, 77, 0



110, 117, 0



0, 133, 207



0, 109, 227

Sweetspot

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



187, 77, 0



242, 199, 170



187, 0, 112



122, 96, 78



250, 250, 250



122, 122, 122

Same Dimension

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



187, 77, 0



242, 100, 0



187, 168, 0



94, 89, 85



158, 65, 0



31, 13, 0

Inverse Universe

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



0, 110, 187



0, 143, 242



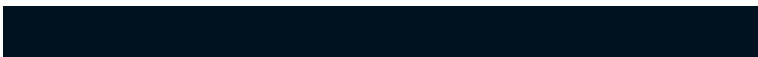
0, 19, 187



85, 90, 94



0, 93, 158



0, 18, 31

Previews

White Background



This preview shows how the RGB color 187, 77, 0 looks on a white background.

Color Contrast Check

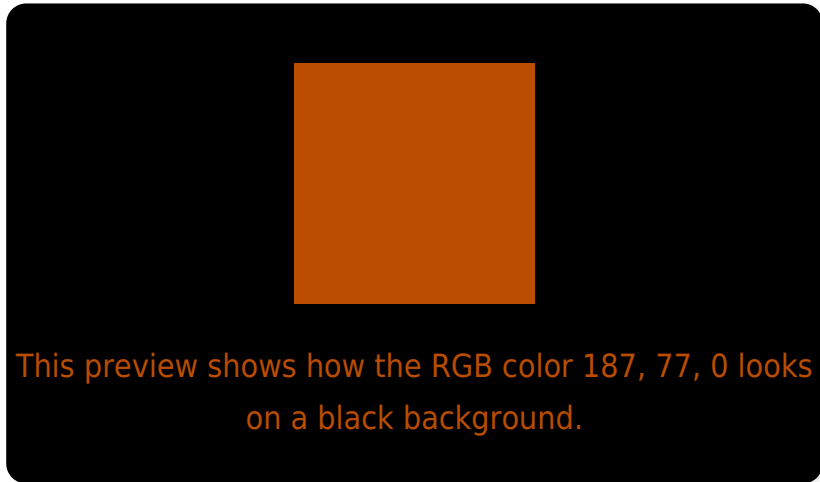
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

RGB 187, 77, 0 Background



This preview shows how black text looks on a background with the RGB color 187, 77, 0.



This preview shows how white text looks on a background with the RGB color 187, 77, 0.

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
187, 77, 0

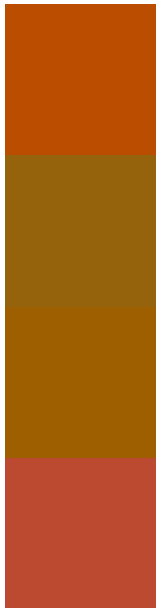
Protanopia
126, 112, 18

Deuteranopia
141, 106, 0



Tritanopia
189, 72, 76

Trichromacy



Original Color
187, 77, 0

Protanomaly
148, 99, 11

Deuteranomaly
158, 95, 0

Tritanomaly
188, 74, 48

Monochromacy



Original Color
187, 77, 0

Achromatopsia
101, 101, 101

Achromatomaly
132, 92, 64

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 77, 0 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(187, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(187, 77, 0)  
}
```

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(187, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 77, 0) }
```

Border

The CSS property to change the border of an element to RGB 187, 77, 0 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(187, 77, 0) }
```

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

```
.border{ border-color:rgb(187, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(187, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(187, 77, 0)  
}
```

Background

The CSS property to change the background color of an element to RGB 187, 77, 0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 77, 0) }
```

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

```
.background{ background-color: rgb(187, 77,  
0) }
```

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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