

Converting Colors

Hex(C05500)

Have a look what the booklet for
Hex(C05500) contains.

Hex(C05500)	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

Hex(C05500)

Conversions

Conversions Part 1

Format	Color
Hex	C05500
RGB	192, 85, 0
RGB Percent	75%, 33%, 0%
CMY	0.2471, 0.6667, 1.0000
CMYK	0.00, 0.56, 1.00, 0.25
HSL	27°, 100%, 38%
HSV	27°, 100%, 75%
XYZ	24.9867, 17.7035, 2.1002
YIQ	107.3030, 91.0570, -3.7510

Conversions

Conversions Part 2

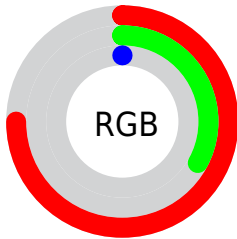
Format	Color
R_{YB}	192, 153, 0
Decimal	12604672
CIE Lab	49.13, 39.55, 58.66
CIE LCh	49, 70.751, 56.013
Yxy	17.7035, 0.5579, 0.3953
Android (android.graphics.Color)	4290794752 (0xFFC05500)
YUV	107.3030, -52.9004, 74.2793
Hunter-Lab	42.0755, 32.3710, 26.4934

Details

The Hex color **C05500** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **006BC0**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF893D**, and **832200** is the 20% darker color. If you saturate the color by 10%, you get **C05500**, and if you desaturate by 10%, it is **C06013**.

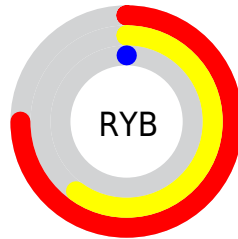
Distribution



Red (75%)

Green (33%)

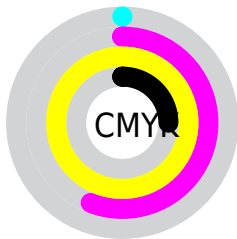
Blue (0%)



Red (75%)

Yellow (60%)

Blue (0%)

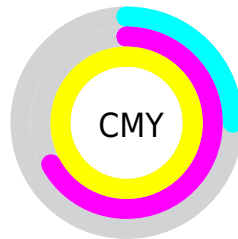


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C05500 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 Hex color C05500 by changing the saturation by 10% instead.

 C05500

 C05500

FFFFFFC

 A13C00

 FF893D

 832200

 FFA457

 650300

 FFC071

 480000

 FFDC8B

 2F0002

 FFF9A6

 000000

 FFFFC2

 FFFFDF

 C05500

 C06013

 C06A26

 C0753A

 C0804D

 C08B60

 C09573

 C0A086

 C0AB9A

 C0B5AD

Harmonies

Analogous

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



D93444



C05500



947000

Triad

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



C05500



008E6B



5B68E2

Complementary

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



C05500



006BC0

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.



007FEE



C05500



008FA8

Square

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



C05500



008A2B



008BD8



B447B9

Rectangle

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



C05500



707C00



008BD8



0071E9

Sweetspot

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



C05500



FAD0AF



C0006D



7D6450



FCFCFC



7D7D7D

Same Dimension

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



C05500



FA6F00



C0B300



615B57



A14700



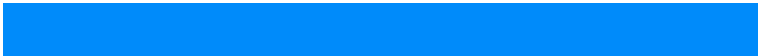
210F00

Inverse Universe

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



006BC0



008BFA



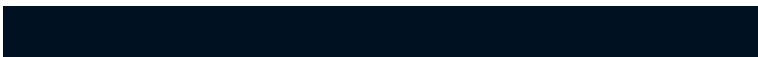
000DC0



575D61



005AA1



001221

Previews

White Background



This preview shows how the Hex color C05500 looks on a white background.

Color Contrast Check

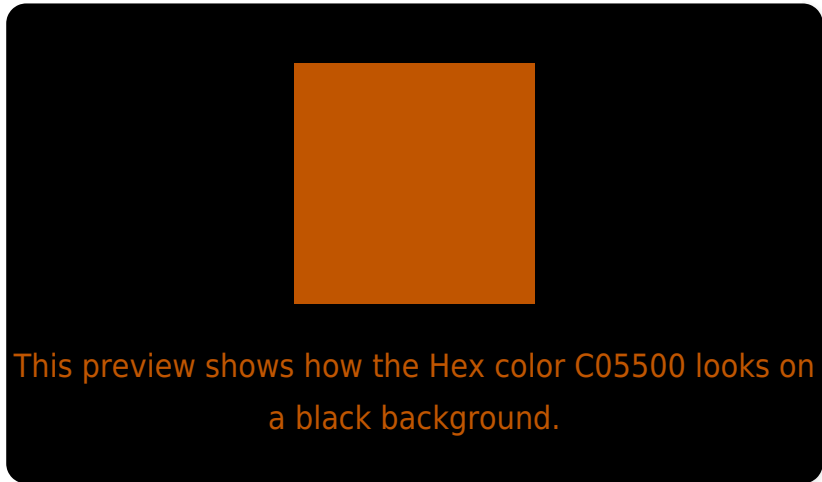
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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](#).

Hex C05500 Background



This preview shows how black text looks on a background with the Hex color C05500.



This preview shows how white text looks on a background with the Hex color C05500.

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
C05500

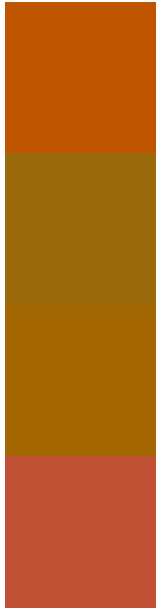
Protanopia
847612

Deuteranopia
947000



Tritanopia
C24F54

Trichromacy



Original Color
C05500

Protanomaly
9A6A0B

Deuteranomaly
A46600

Tritanomaly
C15135

Monochromacy



Original Color
C05500

Achromatopsia
6B6B6B

Achromatomaly
8A6344

CSS Examples

Text

The CSS property to change the color of the text to Hex C05500 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 #C05500 looks like.

```
.text, #text, p{  
    color:#C05500  
}
```

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 #C05500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C05500
}
```

Border

The CSS property to change the border of an element to Hex C05500 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
#C05500 }
```

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

```
.border{ border-color:#C05500 }
```

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

Here you see how a box with a 4 pixel #C05500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C05500; -webkit-box-shadow:4px 4px  
4px 4px #C05500; box-shadow:4px 4px 4px  
4px #C05500 }
```

Background

The CSS property to change the background color of an element to Hex C05500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C05500 }
```

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

```
.background{ background-color:#C05500 }
```

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