

# Converting Colors

Hex(C06320)

Have a look what the booklet for  
Hex(C06320) contains.

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**Color**

**Hex(C06320)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C06320
RGB	192, 99, 32
RGB Percent	75%, 39%, 13%
CMY	0.2471, 0.6118, 0.8745
CMYK	0.00, 0.48, 0.83, 0.25
HSL	25°, 71%, 44%
HSV	25°, 83%, 75%
XYZ	26.4608, 20.2344, 3.8775
YIQ	119.1690, 76.9350, -1.1210

# Conversions

## Conversions Part 2

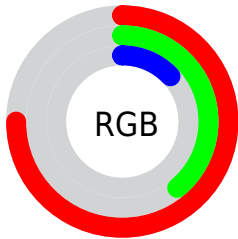
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 147, 32
Decimal	12608288
CIELab	52.10, 32.94, 51.62
CIElCh	52, 61.232, 57.454
Yxy	20.2344, 0.5232, 0.4001
Android (android.graphics.Color)	4290798368 (0xFFC06320)
YUV	119.1690, -42.9743, 63.8728
Hunter-Lab	44.9827, 26.2817, 26.3771

# Details

The Hex color **C06320** 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 **207DC0**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FE9753**, and **843200** is the 20% darker color. If you saturate the color by 10%, you get **C0580D**, and if you desaturate by 10%, it is **C06E33**.

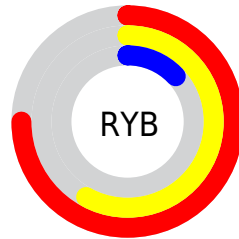
# Distribution



Red (75%)

Green (39%)

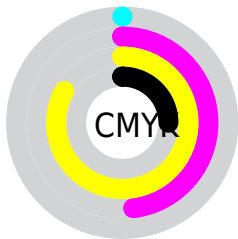
Blue (13%)



Red (75%)

Yellow (58%)

Blue (13%)

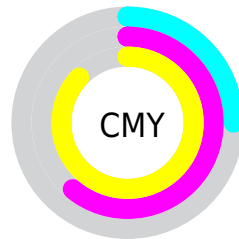


Cyan (0%)

Magenta (48%)

Yellow (83%)

Black (25%)



Cyan (25%)

Magenta (61%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C06320 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 C06320 by changing the saturation by 10% instead.



 C06320

 C06320

FFFFFF

 A24A02

 FE9753

 843200

 FFB26C

 671900

 FFCE86

 4A0000

 FFEAA1

 300000

 FFFFFD

 000000

 FFFFFD9

 FFFFF6

 C06320

 C06320

 C0580D

 C06E33

 C05000

 C07946

 C0845A

 C0906D

 C09B80

 C0A693

 C0B1A6

 C0BCBA

 C0C7CD

# Harmonies

## Analogous

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



D74D4F



C06320



997800

# Triad

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



C06320



009476



7170DA

# Complementary

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



C06320



207DC0

# 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.



0084E6



C06320



0094AB

# Square

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



C06320



009040



008FD4



B757B6

# Rectangle

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



C06320



788300



008FD4



4A78E1



# Sweetspot

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



C06320



FAD6BB



C0207D



7D6757



FCFCFC



7D7D7D



# Same Dimension

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



C06320



FA6900



C0B320



615B57



A14300



210E00



# Inverse Universe

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



207DC0



0091FA



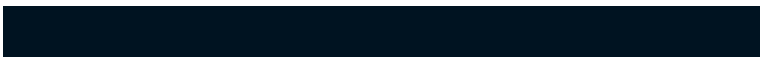
202DC0



575D61



005DA1



001321



# Previews

## White Background



This preview shows how the Hex color C06320 looks on a white background.

## Color Contrast Check

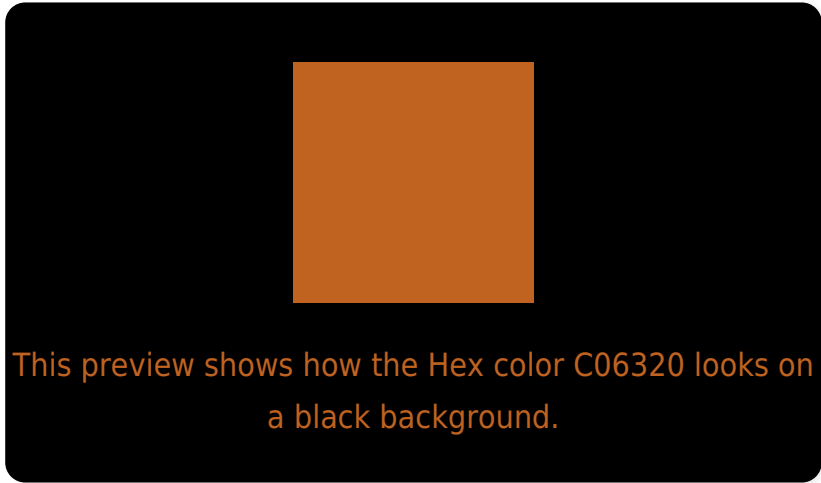
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 C06320 Background



This preview shows how black text looks on a background with the Hex color C06320.



This preview shows how white text looks on a background with the Hex color C06320.

# 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**  
C06320

**Protanopia**  
8C7D27

**Deuteranopia**  
9D7617



**Tritanopia**  
C35D63

# Trichromacy



**Original Color**  
C06320

**Protanomaly**  
9F7424

**Deuteranomaly**  
AA6F1A

**Tritanomaly**  
C25F4B

# Monochromacy



**Original Color**  
C06320

**Achromatopsia**  
777777

**Achromatomaly**  
927057

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C06320 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 #C06320 looks like.

```
.text, #text, p{  
    color:#C06320  
}
```

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 #C06320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C06320
}
```

## Border

The CSS property to change the border of an element to Hex C06320 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
#C06320 }
```

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

```
.border{ border-color:#C06320 }
```

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

Here you see how a box with a 4 pixel #C06320 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C06320; -webkit-box-shadow:4px 4px  
4px 4px #C06320; box-shadow:4px 4px 4px  
4px #C06320 }
```

# Background

The CSS property to change the background color of an element to Hex C06320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C06320 }
```

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

```
.background{ background-color:#C06320 }
```

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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