

Converting Colors

Hex(CB5A00)

Have a look what the booklet for
Hex(CB5A00) contains.

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Color

Hex(CB5A00)

Conversions

Conversions Part 1

Format	Color
Hex	CB5A00
RGB	203, 90, 0
RGB Percent	80%, 35%, 0%
CMY	0.2039, 0.6471, 1.0000
CMYK	0.00, 0.56, 1.00, 0.20
HSL	27°, 100%, 40%
HSV	27°, 100%, 80%
XYZ	28.2848, 20.0088, 2.3713
YIQ	113.5270, 96.2380, -4.0340

Conversions

Conversions Part 2

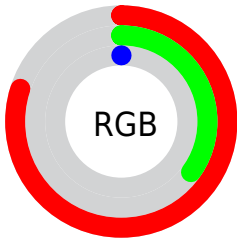
Format	Color
R _Y B	203, 162, 0
Decimal	13326848
CIE Lab	51.85, 41.37, 61.13
CIE LCh	52, 73.810, 55.909
Yxy	20.0088, 0.5583, 0.3949
Android (android.graphics.Color)	4291516928 (0xFFCB5A00)
YUV	113.5270, -55.9688, 78.4678
Hunter-Lab	44.7312, 34.5907, 28.1687

Details

The Hex color **CB5A00** 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 **0071CB**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8F3E**, and **8D2600** is the 20% darker color. If you saturate the color by 10%, you get **CB5A00**, and if you desaturate by 10%, it is **CB6514**.

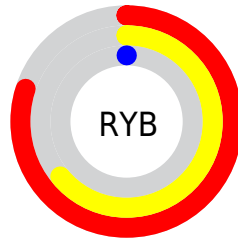
Distribution



Red (80%)

Green (35%)

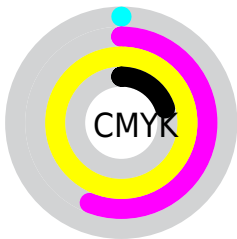
Blue (0%)



Red (80%)

Yellow (64%)

Blue (0%)

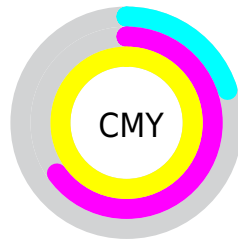


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB5A00 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 CB5A00 by changing the saturation by 10% instead.

 CB5A00

 CB5A00

FFFFFF

 AC4000

 FF8F3E

 8D2600

 FFAA58

 6E0700

 FFC673

 510000

 FFE28E

 370001

 FFFFA9

 0F0000

 FFFFC5

 000000

 FFFF E2

 CB5A00

 CB6514

 CB7129

 CB7C3D

 CB8751

 CB9366

 CB9E7A

 CBA98E

 CBB4A2

 CBC0B7

Harmonies

Analogous

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



E63749



CB5A00



9D7600

Triad

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



CB5A00



009671



606FEF

Complementary

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



CB5A00



0071CB

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.



0086FB



CB5A00



0097B1

Square

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



CB5A00



00922D



0093E4



BE4CC4

Rectangle

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



CB5A00



778300



0093E4



0078F7

Sweetspot

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



CB5A00



FFD4B3



CB0073



806652



000000



808080

Same Dimension

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



CB5A00



FF7100



CBBD00



66605C



A64900



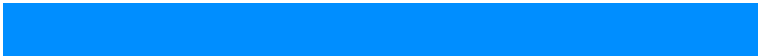
261100

Inverse Universe

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



0071CB



008EFF



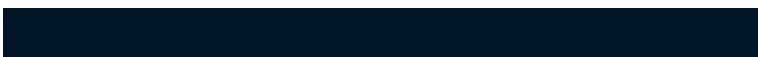
000ECB



5C6166



005CA6



001526

Previews

White Background



This preview shows how the Hex color CB5A00 looks on a white background.

Color Contrast Check

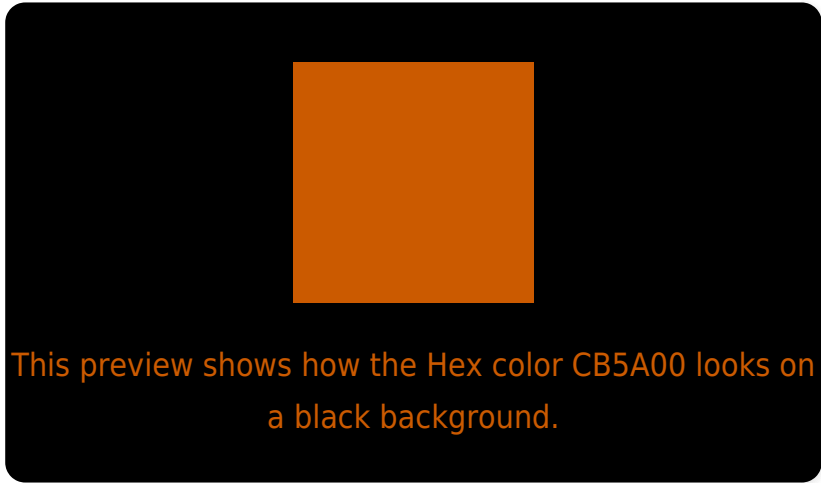
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB5A00 Background



This preview shows how black text looks on a background with the Hex color CB5A00.



This preview shows how white text looks on a background with the Hex color CB5A00.

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

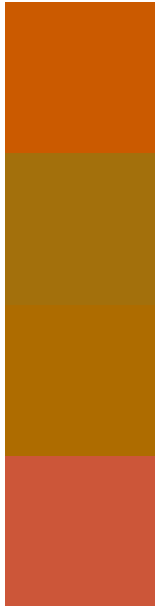


Original Color
CB5A00

Protanopia
8C7D13

Deuteranopia
9D7600

Trichromacy



Original Color
CB5A00

Protanomaly
A3700C

Deuteranomaly
AE6C00

Tritanomaly
CC5639

Monochromacy



Original Color
CB5A00

Achromatopsia
727272

Achromatomaly
926949

CSS Examples

Text

The CSS property to change the color of the text to Hex CB5A00 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 #CB5A00 looks like.

```
.text, #text, p{  
    color:#CB5A00  
}
```

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 #CB5A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5A00
}
```

Border

The CSS property to change the border of an element to Hex CB5A00 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
#CB5A00 }
```

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

```
.border{ border-color:#CB5A00 }
```

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

Here you see how a box with a 4 pixel #CB5A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5A00; -webkit-box-shadow:4px 4px  
4px 4px #CB5A00; box-shadow:4px 4px 4px  
4px #CB5A00 }
```

Background

The CSS property to change the background color of an element to Hex CB5A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5A00 }
```

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

```
.background{ background-color:#CB5A00 }
```

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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