

Converting Colors

Hex(CD5601)

Have a look what the booklet for
Hex(CD5601) contains.

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Color

Hex(CD5601)

Conversions

Conversions Part 1

Format	Color
Hex	CD5601
RGB	205, 86, 1
RGB Percent	80%, 34%, 0%
CMY	0.1961, 0.6627, 0.9961
CMYK	0.00, 0.58, 1.00, 0.20
HSL	25°, 99%, 40%
HSV	25°, 100%, 80%
XYZ	28.5101, 19.6369, 2.3164
YIQ	111.8910, 98.2090, -1.2070

Conversions

Conversions Part 2

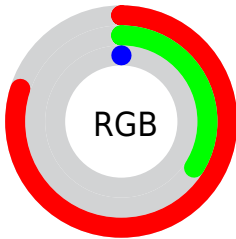
Format	Color
RYB	205, 147, 1
Decimal	13456897
CIELab	51.42, 44.08, 60.83
CIElCh	51, 75.123, 54.072
Yxy	19.6369, 0.5650, 0.3891
Android (android.graphics.Color)	4291646977 (0xFFCD5601)
YUV	111.8910, -54.6693, 81.6566
Hunter-Lab	44.3135, 37.2932, 27.9203

Details

The Hex color **CD5601** 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 **0178CD**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8B3E**, and **8F2100** is the 20% darker color. If you saturate the color by 10%, you get **CD5500**, and if you desaturate by 10%, it is **CD6215**.

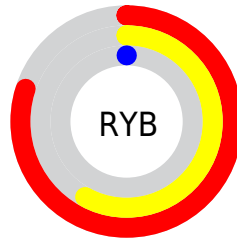
Distribution



Red (80%)

Green (34%)

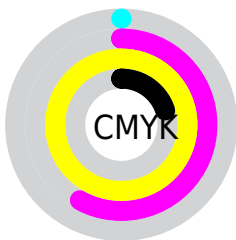
Blue (0%)



Red (80%)

Yellow (58%)

Blue (0%)

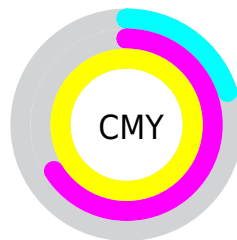


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD5601 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 CD5601 by changing the saturation by 10% instead.

 CD5601

 CD5601

FFFFFFE

 AE3C00

 FF8B3E

 8F2100

 FFA658

 700000

 FFC273

 520000

 FFDF8D

 380001

 FFCA9

 110000

 FFFFC5

 000000

 FFFFE1

 CD5601

 CD5601

■ CD5500

■ CD6215

■ CD6E2A

■ CD7A3E

■ CD8653

■ CD9268

■ CD9E7C

■ CDAA91

■ CDB6A5

■ CDC2BA

Harmonies

Analogous

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



E7314B



CD5601



9F7400

Triad

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



CD5601



00956B



536FF1

Complementary

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



CD5601



0178CD

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.



0087FC



CD5601



0096AD

Square

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



CD5601



009126



0092E3



BA4CC7

Rectangle

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



CD5601



798100



0092E3



0078F9

Sweetspot

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



CD5601



FFD2B3



CD0178



806552



000000



808080

Same Dimension

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



CD5601



FF6A00



CDBC01



66605C



A64500



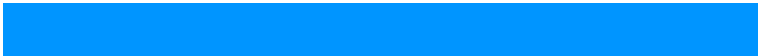
261000

Inverse Universe

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



0178CD



0095FF



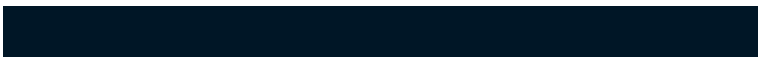
0112CD



5C6266



0061A6



001626

Previews

White Background



This preview shows how the Hex color CD5601 looks on a white background.

Color Contrast Check

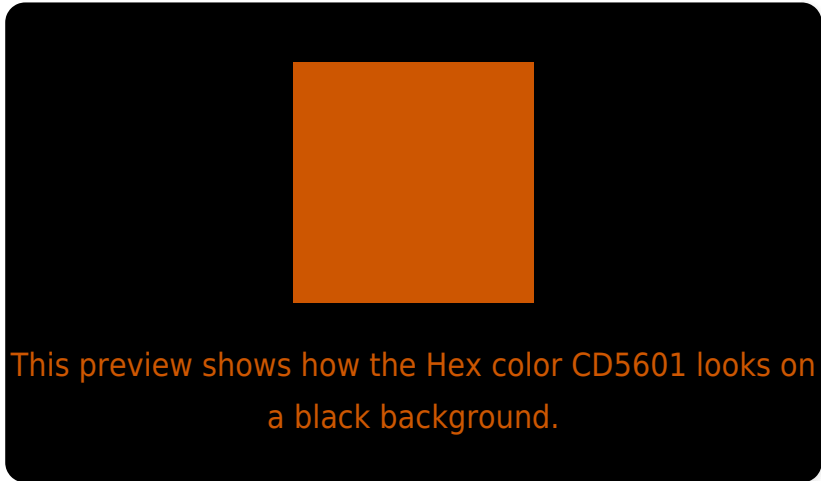
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD5601 Background



This preview shows how black text looks on a background with the Hex color CD5601.



This preview shows how white text looks on a background with the Hex color CD5601.

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

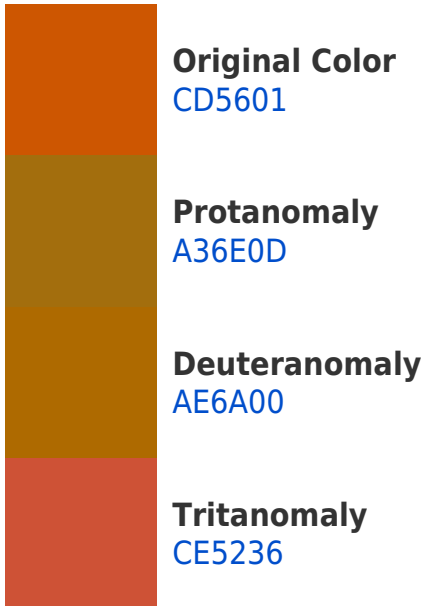


Original Color
CD5601

Protanopia
8B7C14

Deuteranopia
9C7500

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD5601 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 #CD5601 looks like.

```
.text, #text, p{  
    color:#CD5601  
}
```

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 #CD5601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD5601
}
```

Border

The CSS property to change the border of an element to Hex CD5601 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
#CD5601 }
```

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

```
.border{ border-color:#CD5601 }
```

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

Here you see how a box with a 4 pixel #CD5601 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD5601; -webkit-box-shadow:4px 4px  
4px 4px #CD5601; box-shadow:4px 4px 4px  
4px #CD5601 }
```

Background

The CSS property to change the background color of an element to Hex CD5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD5601 }
```

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

```
.background{ background-color:#CD5601 }
```

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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