

Converting Colors

Hex(5D5500)

Have a look what the booklet for
Hex(5D5500) contains.

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Color

Hex(5D5500)

Conversions

Conversions Part 1

Format	Color
Hex	5D5500
RGB	93, 85, 0
RGB Percent	36%, 33%, 0%
CMY	0.6353, 0.6667, 1.0000
CMYK	0.00, 0.09, 1.00, 0.64
HSL	55°, 100%, 18%
HSV	55°, 100%, 36%
XYZ	7.7627, 8.8242, 1.2941
YIQ	77.7020, 32.0530, -24.7390

Conversions

Conversions Part 2

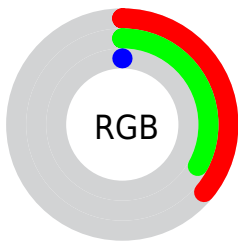
Format	Color
R_{YB}	9, 93, 0
Decimal	6116608
CIE Lab	35.64, -5.67, 43.40
CIE LCh	36, 43.767, 97.440
Yxy	8.8242, 0.4341, 0.4935
Android (android.graphics.Color)	4284306688 (0xFF5D5500)
YUV	77.7020, -38.3071, 13.4163
Hunter-Lab	29.7055, -5.3386, 18.2109

Details

The Hex color **5D5500** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **00085D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **928637**, and **2B2800** is the 20% darker color. If you saturate the color by 10%, you get **5D5500**, and if you desaturate by 10%, it is **5D5609**.

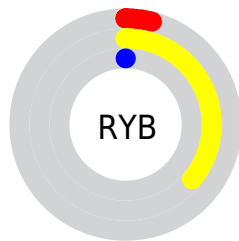
Distribution



Red (36%)

Green (33%)

Blue (0%)



Red (4%)

Yellow (36%)

Blue (0%)

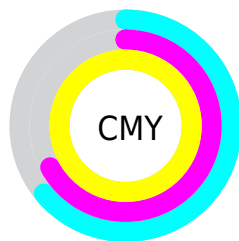


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5500 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 5D5500 by changing the saturation by 10% instead.

 5D5500

 5D5500

 FFFFF2

 443E00

 928637

 2B2800

 AEA050

 101500

 CBBB69

 000000

 E8D783

 FFF39E

 FFFFB9

 FFFF5D

 5D5500

 5D5609

 5D5713

 5D571C

 5D5825

 5D592F

 5D5A38

 5D5B41

 5D5B4A

 5D5C54

Harmonies

Analogous

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



7A480E



5D5500



385E16

Triad

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



5D5500



00637E



84376F

Complementary

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



5D5500



00085D

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.



60478C



5D5500



005F94

Square

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



5D5500



00645C



00559A



92314D

Rectangle

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



5D5500



0A612C



00559A



7B3C7A

Sweetspot

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



5D5500



787554



5D0009



3D3B27



BDBDBD



3D3D3D

Same Dimension

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



5D5500



786E00



385D00



2E2E29



6E6400



EDD900

Inverse Universe

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



00085D



000A78



25005D



292A2E



00096E



0014ED

Previews

White Background



This preview shows how the Hex color 5D5500 looks on a white background.

Color Contrast Check

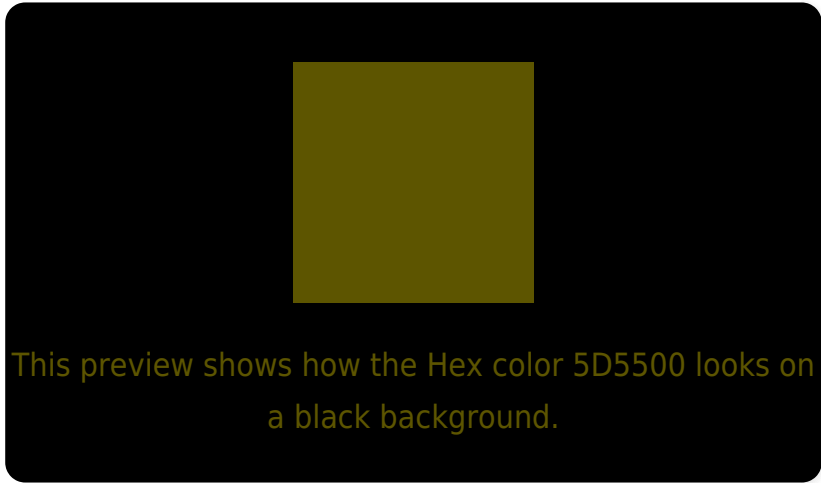
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

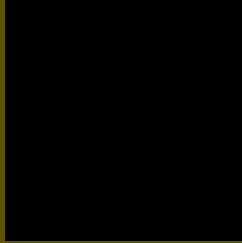
Any Text WCAG AA × Fail

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](#).

Hex 5D5500 Background



This preview shows how black text looks on a background with the Hex color 5D5500.



This preview shows how white text looks on a background with the Hex color 5D5500.

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
5D5500

Protanopia
5F5400

Deuteranopia
6A500B



Tritanopia
624F55

Trichromacy



Original Color
5D5500

Protanomaly
5E5400

Deuteranomaly
655207

Tritanomaly
605136

Monochromacy



Original Color
5D5500

Achromatopsia
4E4E4E

Achromatomaly
535132

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5500 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 #5D5500 looks like.

```
.text, #text, p{  
    color:#5D5500  
}
```

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 #5D5500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5500
}
```

Border

The CSS property to change the border of an element to Hex 5D5500 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
#5D5500 }
```

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

```
.border{ border-color:#5D5500 }
```

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

Here you see how a box with a 4 pixel #5D5500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5500; -webkit-box-shadow:4px 4px  
4px 4px #5D5500; box-shadow:4px 4px 4px  
4px #5D5500 }
```

Background

The CSS property to change the background color of an element to Hex 5D5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5500 }
```

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

```
.background{ background-color:#5D5500 }
```

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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