

# Converting Colors

Hex(555808)

Have a look what the booklet for  
Hex(555808) contains.

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**Color**

**Hex(555808)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	555808
RGB	85, 88, 8
RGB Percent	33%, 35%, 3%
CMY	0.6667, 0.6549, 0.9686
CMYK	0.03, 0.00, 0.91, 0.65
HSL	62°, 83%, 19%
HSV	62°, 91%, 35%
XYZ	7.2799, 8.9283, 1.5694
YIQ	77.9830, 23.8920, -25.5160

# Conversions

## Conversions Part 2

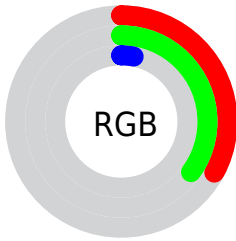
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>8, 88, 11</b>
Decimal	5593096
CIE <sub>Lab</sub>	35.85, -11.13, 40.72
CIE <sub>LCh</sub>	36, 42.211, 105.293
Yxy	8.9283, 0.4095, 0.5022
Android (android.graphics.Color)	4283783176 (0xFF555808)
YUV	77.9830, -34.5016, 6.1539
Hunter-Lab	29.8802, -8.8015, 17.8021

# Details

The Hex color **555808** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B0858**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **898A3C**, and **242B00** is the 20% darker color. If you saturate the color by 10%, you get **555800**, and if you desaturate by 10%, it is **555811**.

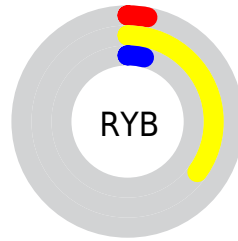
# Distribution



Red (33%)

Green (35%)

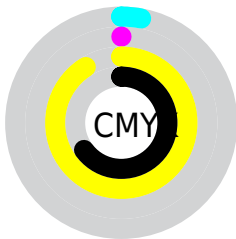
Blue (3%)



Red (3%)

Yellow (35%)

Blue (4%)

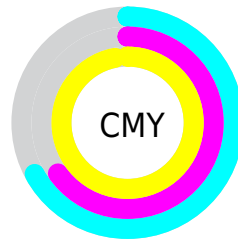


Cyan (3%)

Magenta (0%)

Yellow (91%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 555808 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 555808 by changing the saturation by 10% instead.



 555808

 555808

 FFFFF8

 3D4100

 898A3C

 242B00

 A5A455

 041700

 C0BF6E

 000000

 DDDB88

 FAF7A3

 FFFFBF

 FFFFDB

 555808

 555808

■ 555800

■ 555811

■ 56581A

■ 565822

■ 56582B

■ 575834

■ 57583D

■ 575846

■ 58584E

■ 585857

# Harmonies

## Analogous

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



734D0C



555808



2D5F21

# Triad

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



555808



006384



893666

# Complementary

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



555808



0B0858

# 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.



6C4484



555808



005D96

# Square

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



555808



006465



325296



913444

# Rectangle

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



555808



006237



325296



823A71



# Sweetspot

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



555808



727354



580B08



3A3B28



BABABA



3B3B3B



# Same Dimension

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



555808



6E7300



2D5808



2B2B27



676B00



E2EB00



# Inverse Universe

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



0B0858



040073



330858



27272B



04006B



0900EB



# Previews

## White Background



This preview shows how the Hex color 555808 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

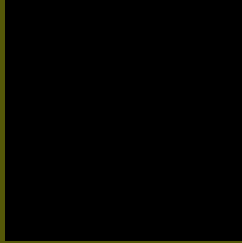
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 555808 Background



This preview shows how black text looks on a background with the Hex color 555808.



This preview shows how white text looks on a background with the Hex color 555808.

# 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](#).

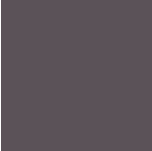
## Dichromacy



**Original Color**  
555808

**Protanopia**  
5F5506

**Deuteranopia**  
6A5010



**Tritanopia**  
5B5258

# Trichromacy



**Original Color**  
555808

**Protanomaly**  
5B5607

**Deuteranomaly**  
62530D

**Tritanomaly**  
59543B

# Monochromacy



**Original Color**  
555808

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
515235

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 555808 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 #555808 looks like.

```
.text, #text, p{  
    color:#555808  
}
```

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 #555808 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555808
}
```

## Border

The CSS property to change the border of an element to Hex 555808 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
#555808 }
```

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

```
.border{ border-color:#555808 }
```

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

Here you see how a box with a 4 pixel #555808 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555808; -webkit-box-shadow:4px 4px  
4px 4px #555808; box-shadow:4px 4px 4px  
4px #555808 }
```

# Background

The CSS property to change the background color of an element to Hex 555808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555808 }
```

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

```
.background{ background-color:#555808 }
```

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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