

# Converting Colors

Hex(758504)

Have a look what the booklet for  
Hex(758504) contains.

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**Color**

**Hex(758504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	758504
RGB	117, 133, 4
RGB Percent	46%, 52%, 2%
CMY	0.5412, 0.4784, 0.9843
CMYK	0.12, 0.00, 0.97, 0.48
HSL	67°, 94%, 27%
HSV	67°, 97%, 52%
XYZ	15.7456, 20.5657, 3.2546
YIQ	113.5100, 31.8730, -43.5110

# Conversions

## Conversions Part 2

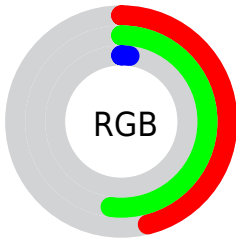
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 133, 20
Decimal	7701764
CIE Lab	52.47, -20.53, 55.98
CIE LCh	52, 59.629, 110.136
Yxy	20.5657, 0.3980, 0.5198
Android (android.graphics.Color)	4285891844 (0xFF758504)
YUV	113.5100, -53.9884, 3.0607
Hunter-Lab	45.3495, -17.3854, 27.4896

# Details

The Hex color **758504** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **140485**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **ACBA45**, and **415400** is the 20% darker color. If you saturate the color by 10%, you get **758500**, and if you desaturate by 10%, it is **778511**.

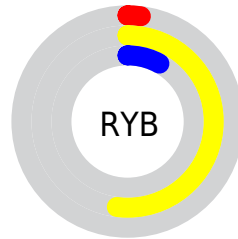
# Distribution



Red (46%)

Green (52%)

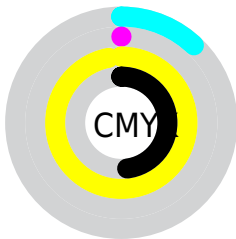
Blue (2%)



Red (2%)

Yellow (52%)

Blue (8%)

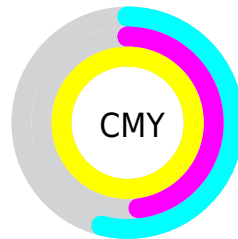


Cyan (12%)

Magenta (0%)

Yellow (97%)

Black (48%)



Cyan (54%)

Magenta (48%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 758504 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 758504 by changing the saturation by 10% instead.



 758504

 758504

FFFFFF

 5A6C00

 ACBA45

 415400

 C9D65F

 263C00

 E6F27A

 0C2700

 FFFF95

 001000

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 758504

 758504

■ 758500

■ 778511

■ 78851F

■ 7A852C

■ 7C8539

■ 7D8547

■ 7F8554

■ 818561

■ 82856E

■ 84857C

# Harmonies

## Analogous

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



A47500



758504



328F37

# Triad

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



758504



0092CB



D04B90

# Complementary

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



758504



140485

# 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.



AA5FBF



758504



0088E2

# Square

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



758504



00959F



5A77DE



D84C5D

# Rectangle

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



758504



009358



5A77DE



C751A1



# Sweetspot

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



758504



A7AD7B



851304



535738



D6D6D6



575757



# Same Dimension

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



758504



98AD00



358504



41423C



728200



020300



# Inverse Universe

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



140485



1600AD



540485



3C3C42



100082



000003



# Previews

## White Background



This preview shows how the Hex color 758504 looks on a white background.

## Color Contrast Check

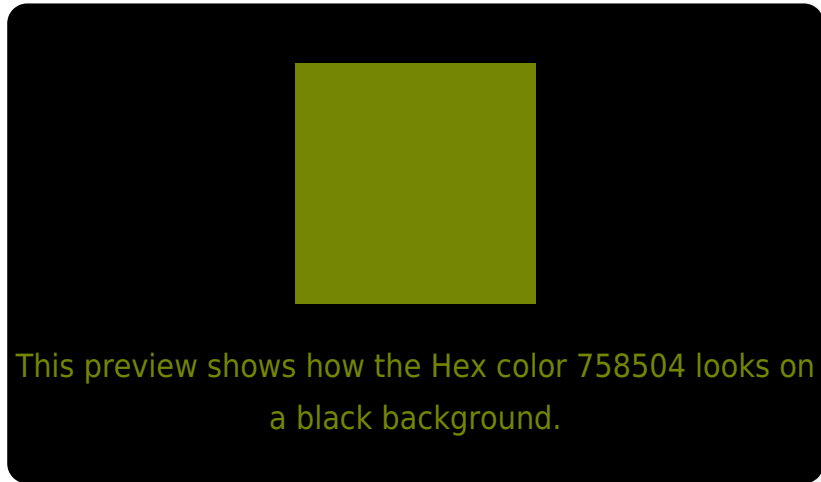
Large Text (above 18pt) WCAG AA ✓ Pass

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 758504 Background



This preview shows how black text looks on a background with the Hex color 758504.



This preview shows how white text looks on a background with the Hex color 758504.

# 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**  
758504

**Protanopia**  
8D7D00

**Deuteranopia**  
9E7717



**Tritanopia**  
7F7C85

# Trichromacy



**Original Color**  
758504

**Protanomaly**  
848001

**Deuteranomaly**  
8F7C10

**Tritanomaly**  
7B7F56

# Monochromacy



**Original Color**  
758504

**Achromatopsia**  
727272

**Achromatomaly**  
73794A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 758504 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 #758504 looks like.

```
.text, #text, p{  
    color:#758504  
}
```

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 #758504 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758504
}
```

## Border

The CSS property to change the border of an element to Hex 758504 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
#758504 }
```

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

```
.border{ border-color:#758504 }
```

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

Here you see how a box with a 4 pixel #758504 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758504; -webkit-box-shadow:4px 4px  
4px 4px #758504; box-shadow:4px 4px 4px  
4px #758504 }
```

# Background

The CSS property to change the background color of an element to Hex 758504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758504 }
```

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

```
.background{ background-color:#758504 }
```

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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