

Converting Colors

Hex(758234)

Have a look what the booklet for
Hex(758234) contains.

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Color

Hex(758234)

Conversions

Conversions Part 1

Format	Color
Hex	758234
RGB	117, 130, 52
RGB Percent	46%, 51%, 20%
CMY	0.5412, 0.4902, 0.7961
CMYK	0.10, 0.00, 0.60, 0.49
HSL	70°, 43%, 36%
HSV	70°, 60%, 51%
XYZ	15.9386, 19.9951, 6.2682
YIQ	117.2210, 17.2900, -27.0140

Conversions

Conversions Part 2

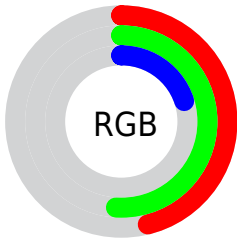
Format	Color
RYB	52, 130, 65
Decimal	7701044
CIELab	51.83, -16.65, 39.73
CIELCh	52, 43.076, 112.745
Yxy	19.9951, 0.3777, 0.4738
Android (android.graphics.Color)	4285891124 (0xFF758234)
YUV	117.2210, -32.1540, -0.1938
Hunter-Lab	44.7159, -14.6280, 22.9899

Details

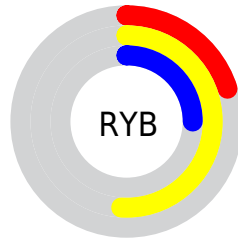
The Hex color **758234** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **413482**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **ABB766**, and **425100** is the 20% darker color. If you saturate the color by 10%, you get **738227**, and if you desaturate by 10%, it is **778241**.

Distribution



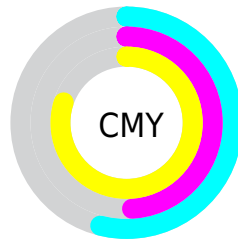
- Red (46%)
- Green (51%)
- Blue (20%)



- Red (20%)
- Yellow (51%)
- Blue (25%)



- Cyan (10%)
- Magenta (0%)
- Yellow (60%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758234 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 758234 by changing the saturation by 10% instead.



758234



758234

FFFFFF



5B691B



ABB766



425100



C7D280



2B3A00



E3EF9A



122400



FFFFB5



000C00



FFFFD1



000000



FFFEE



758234



758234



738227



778241

71821A

79824E

6F820D

7C825B

6C8200

7E8268

808275

828282

84828F

86829C

8882A9

Harmonies

Analogous

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



987630



758234



488A4D

Triad

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



758234



008AB5



BB5C86

Complementary

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



758234



413482

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.



A067A9



758234



0082C4

Square

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



758234



008E97



6F75C0



C05E61

Rectangle

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



758234



138D64



6F75C0



B45F92

Sweetspot

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



758234



A3A88A



824134



515442



D4D4D4



545454

Same Dimension

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



758234



94A82F



4F8234



3F4039



6A8000



000000

Inverse Universe

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



413482



432FA8



683482



3A3940



150080



000000

Previews

White Background



This preview shows how the Hex color 758234 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 758234 Background



This preview shows how black text looks on a background with the Hex color 758234.



This preview shows how white text looks on a background with the Hex color 758234.

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


758234

Protanopia

897C32

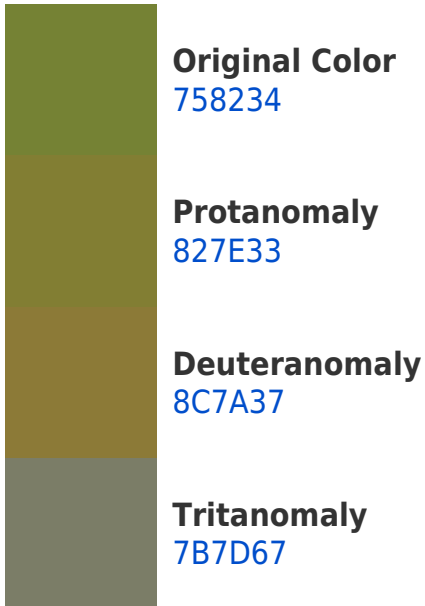
Deuteranopia

997538

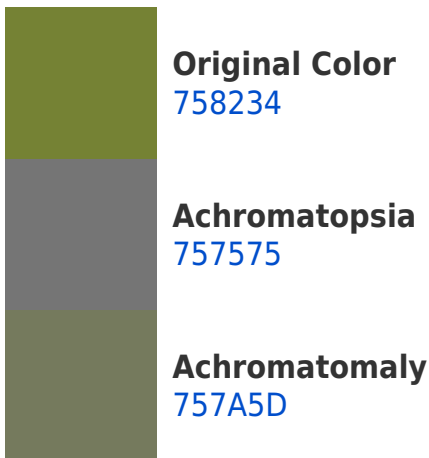


Tritanopia
7E7A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 758234 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 #758234 looks like.

```
.text, #text, p{  
    color:#758234  
}
```

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 #758234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758234
}
```

Border

The CSS property to change the border of an element to Hex 758234 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
#758234 }
```

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

```
.border{ border-color:#758234 }
```

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

Here you see how a box with a 4 pixel #758234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758234; -webkit-box-shadow:4px 4px  
4px 4px #758234; box-shadow:4px 4px 4px  
4px #758234 }
```

Background

The CSS property to change the background color of an element to Hex 758234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758234 }
```

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

```
.background{ background-color:#758234 }
```

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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