

# Converting Colors

Hex(658538)

Have a look what the booklet for  
Hex(658538) contains.

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**Color**

**Hex(658538)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	658538
RGB	101, 133, 56
RGB Percent	40%, 52%, 22%
CMY	0.6039, 0.4784, 0.7804
CMYK	0.24, 0.00, 0.58, 0.48
HSL	85°, 41%, 37%
HSV	85°, 58%, 52%
XYZ	14.4682, 19.8273, 6.8059
YIQ	114.6540, 5.6450, -30.7310

# Conversions

## Conversions Part 2

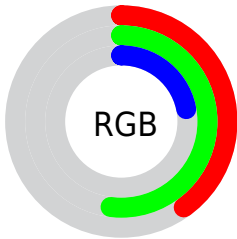
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 133, 88
Decimal	6653240
CIELab	51.64, -24.59, 37.25
CIELCh	52, 44.634, 123.428
Yxy	19.8273, 0.3520, 0.4824
Android (android.graphics.Color)	4284843320 (0xFF658538)
YUV	114.6540, -28.9164, -11.9746
Hunter-Lab	44.5278, -19.9248, 22.1073

# Details

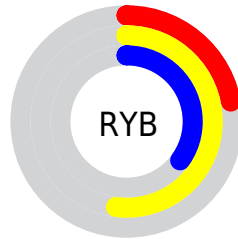
The Hex color **658538** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **583885**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9ABA6A**, and **335305** is the 20% darker color. If you saturate the color by 10%, you get **5F852B**, and if you desaturate by 10%, it is **6B8545**.

# Distribution



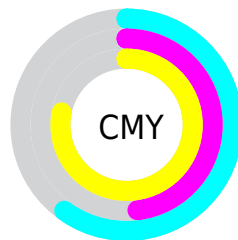
- Red (40%)
- Green (52%)
- Blue (22%)



- Red (22%)
- Yellow (52%)
- Blue (35%)



- Cyan (24%)
- Magenta (0%)
- Yellow (58%)
- Black (48%)



- Cyan (60%)
- Magenta (48%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 658538 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 658538 by changing the saturation by 10% instead.





658538



658538

FFFFFF



4C6C20



9ABA6A



335305



B5D683



1C3C00



D1F39E



002600



EEFFB9



000B00



FFFFD5



000000



FFFFFF2



658538



658538



5F852B



6B8545

■ 5A851D

■ 708553

■ 548510

■ 768560

■ 4F8503

■ 7B856D

■ 4E8500

■ 81857B

■ 868588

■ 8C8595

■ 9185A2

■ 9785B0

# Harmonies

## Analogous

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



8C7B2A



658538



2D8B57

# Triad

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



658538



0088BF



C15978

# Complementary

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



658538



583885

# 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.



AD609E



658538



377EC7

# Square

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



658538



008DA4



836FBB



BF5F53

# Rectangle

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



658538



008E71



836FBB



BD5A85



# Sweetspot

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



658538



A1AD90



855738



4F5745



D6D6D6



575757



# Same Dimension

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



658538



7CAD36



408538



40423C



4C8200



010300



# Inverse Universe

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



583885



6736AD



7D3885



3E3C42



360082



010003



# Previews

## White Background



This preview shows how the Hex color 658538 looks on a white background.

## Color Contrast Check

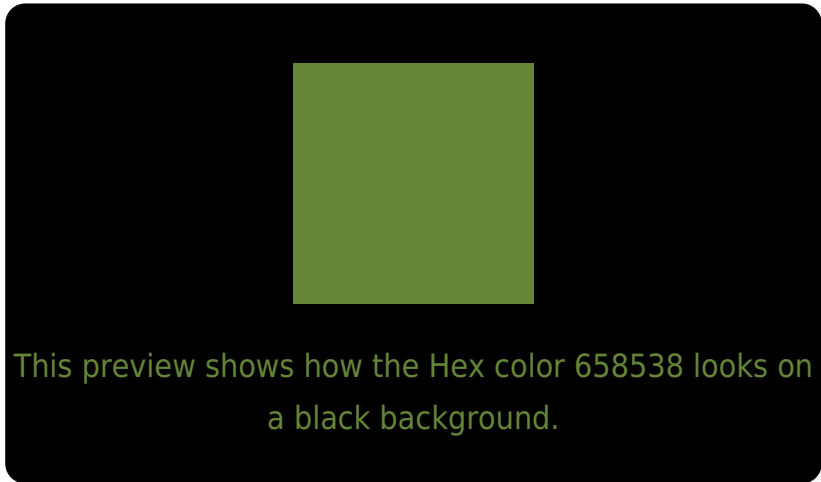
Large Text (above 18pt) WCAG AA ✓ Pass

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

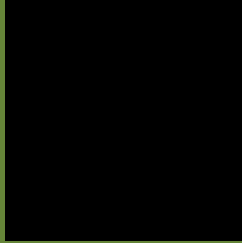
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 658538 Background



This preview shows how black text looks on a background with the Hex color 658538.



This preview shows how white text looks on a background with the Hex color 658538.

# 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**  
658538

**Protanopia**  
887B35

**Deuteranopia**  
97753D



**Tritanopia**  
6F7D87

# Trichromacy



**Original Color**  
658538

**Protanomaly**  
7B7F36

**Deuteranomaly**  
857B3B

**Tritanomaly**  
6B806A

# Monochromacy



**Original Color**  
658538

**Achromatopsia**  
737373

**Achromatomaly**  
6E7A5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 658538 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 #658538 looks like.

```
.text, #text, p{  
    color:#658538  
}
```

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 #658538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658538
}
```

## Border

The CSS property to change the border of an element to Hex 658538 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
#658538 }
```

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

```
.border{ border-color:#658538 }
```

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

Here you see how a box with a 4 pixel #658538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658538; -webkit-box-shadow:4px 4px  
4px 4px #658538; box-shadow:4px 4px 4px  
4px #658538 }
```

# Background

The CSS property to change the background color of an element to Hex 658538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658538 }
```

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

```
.background{ background-color:#658538 }
```

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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