

Converting Colors

Hex(658483)

Have a look what the booklet for
Hex(658483) contains.

Hex(658483)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(658483)

Conversions

Conversions Part 1

Format	Color
Hex	658483
RGB	101, 132, 131
RGB Percent	40%, 52%, 51%
CMY	0.6039, 0.4824, 0.4863
CMYK	0.23, 0.00, 0.01, 0.48
HSL	178°, 13%, 46%
HSV	178°, 23%, 52%
XYZ	17.7148, 20.9079, 24.5747
YIQ	122.6170, -18.1550, -6.8830

Conversions

Conversions Part 2

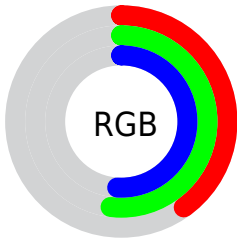
Format	Color
R_{YB}	101, 117, 132
Decimal	6653059
CIE _{Lab}	52.85, -11.15, -3.07
CIE _{LCh}	53, 11.567, 195.367
Yxy	20.9079, 0.2803, 0.3308
Android (android.graphics.Color)	4284843139 (0xFF658483)
YUV	122.6170, 4.1328, -18.9581
Hunter-Lab	45.7252, -10.8647, 0.1426

Details

The Hex color **658483** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **846566**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **99B9B8**, and **355252** is the 20% darker color. If you saturate the color by 10%, you get **588483**, and if you desaturate by 10%, it is **728483**.

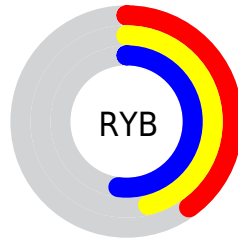
Distribution



Red (40%)

Green (52%)

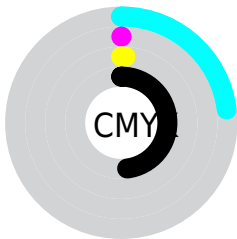
Blue (51%)



Red (40%)

Yellow (46%)

Blue (52%)

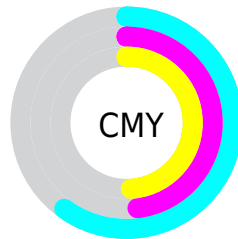


Cyan (23%)

Magenta (0%)

Yellow (1%)

Black (48%)



Cyan (60%)

Magenta (48%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 658483 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 658483 by changing the saturation by 10% instead.

658483

658483

FFFFFF

4C6B6A

99B9B8

355252

B4D5D4

1E3B3B

CFF1F0

072625

ECFFFF

001210

000000

658483

658483

588483

728483

4B8482

7F8484

■ 3D8482

■ 8D8484

■ 308481

■ 9A8485

■ 238481

■ A78485

■ 168480

■ B48486

■ 098480

■ C18486

■ 008480

■ CF8486

■ DC8487

Harmonies

Analogous

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



6B8479



658483



66838C

Triad

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



658483



867A8C



8B7C6B

Complementary

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



658483



846566

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.



927970



658483



8F7883

Square

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



658483



7A7D91



937779



817F6B

Rectangle

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



658483



6A8190



937779



8E7B6C

Sweetspot

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



658483



9FABAA



668465



505756



D6D6D6



575757

Same Dimension

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



658483



7BABA9



657684



3C4242



00827E



000302

Inverse Universe

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



846566



AB7B7D



847365



423C3C



820004



030000

Previews

White Background



This preview shows how the Hex color 658483 looks on a white background.

Color Contrast Check

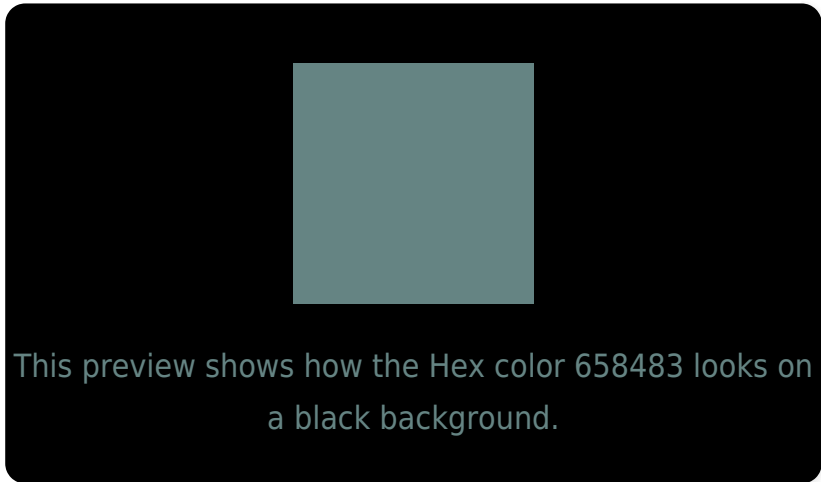
Large Text (above 18pt) WCAG AA ✓ Pass

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

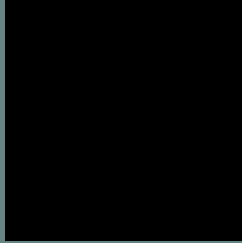
Any Text WCAG AA ✓ Pass

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 658483 Background



This preview shows how black text looks on a background with the Hex color 658483.



This preview shows how white text looks on a background with the Hex color 658483.

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
658483

Protanopia
807D7F

Deuteranopia
877A85



Tritanopia
67828D

Trichromacy



Original Color
658483

Protanomaly
768080

Deuteranomaly
7B7E84

Tritanomaly
668389

Monochromacy



Original Color
658483

Achromatopsia
7B7B7B

Achromatomaly
737E7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 658483 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 #658483 looks like.

```
.text, #text, p{  
    color:#658483  
}
```

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 #658483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658483
}
```

Border

The CSS property to change the border of an element to Hex 658483 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
#658483 }
```

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

```
.border{ border-color:#658483 }
```

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

Here you see how a box with a 4 pixel #658483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658483; -webkit-box-shadow:4px 4px  
4px 4px #658483; box-shadow:4px 4px 4px  
4px #658483 }
```

Background

The CSS property to change the background color of an element to Hex 658483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658483 }
```

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

```
.background{ background-color:#658483 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor