

Converting Colors

Hex(645058)

Have a look what the booklet for
Hex(645058) contains.

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Color

Hex(645058)

Conversions

Conversions Part 1

Format	Color
Hex	645058
RGB	100, 80, 88
RGB Percent	39%, 31%, 35%
CMY	0.6078, 0.6863, 0.6549
CMYK	0.00, 0.20, 0.12, 0.61
HSL	336°, 11%, 35%
HSV	336°, 20%, 39%
XYZ	9.8856, 9.1512, 10.4779
YIQ	86.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

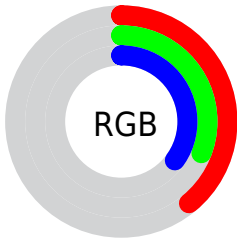
Format	Color
R_{YB}	100, 80, 88
Decimal	6574168
CIE Lab	36.27, 9.82, -1.52
CIE LCh	36, 9.939, 351.185
Yxy	9.1512, 0.3349, 0.3101
Android (android.graphics.Color)	4284764248 (0xFF645058)
YUV	86.8920, 0.5462, 11.4957
Hunter-Lab	30.2510, 5.3923, 0.6398

Details

The Hex color **645058** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50645C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **97818A**, and **35232B** is the 20% darker color. If you saturate the color by 10%, you get **644652**, and if you desaturate by 10%, it is **645A5E**.

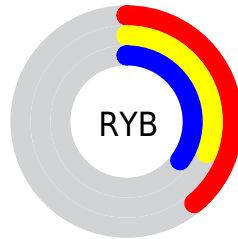
Distribution



Red (39%)

Green (31%)

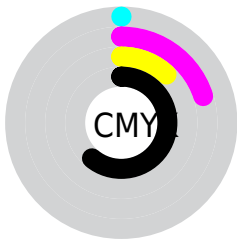
Blue (35%)



Red (39%)

Yellow (31%)

Blue (35%)

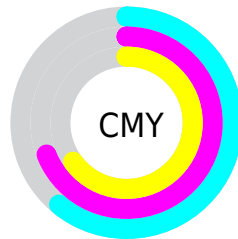


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (61%)



Cyan (61%)

Magenta (69%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645058 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 645058 by changing the saturation by 10% instead.

■ 645058

■ 645058

FFFFFF

■ 4C3941

■ 97818A

■ 35232B

■ B29BA4

■ 200F16

■ CDB6BF

■ 000000

■ EAD2DB

■ FFEEF7

■ 645058

■ 645058

■ 644652

■ 645A5E

■ 643C4C

■ 646464

643246

646E6A

642840

647870

641E3A

648276

641434

648C7C

640A2E

649682

640028

64A088

64AA8E

Harmonies

Analogous

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



5D525F



645058



665050

Triad

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



645058



565746



425961

Complementary

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



645058



50645C

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.



405A5B



645058



4C594B

Square

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



645058



5E5446



455A53



4A5765

Rectangle

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



645058



65514B



455A53



41595F

Sweetspot

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



645058



827A7D



5C5064



423E40



C2C2C2



424242

Same Dimension

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



645058



82636F



645250



332E30



73002E



F20061

Inverse Universe

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



645058



82636F



506264



332E30



73002E



F20061

Previews

White Background



This preview shows how the Hex color 645058 looks on a white background.

Color Contrast Check

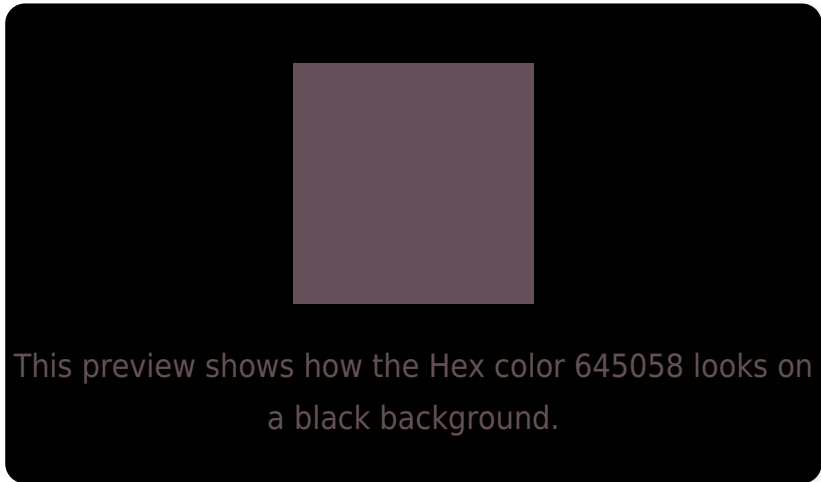
Large Text (above 18pt) WCAG AA ✓ Pass

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

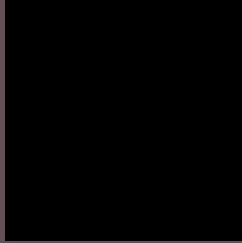
Any Text WCAG AA × Fail

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 645058 Background



This preview shows how black text looks on a background with the Hex color 645058.



This preview shows how white text looks on a background with the Hex color 645058.

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
645058

Protanopia
55555B

Deuteranopia
5D5357



Tritanopia
645056

Trichromacy



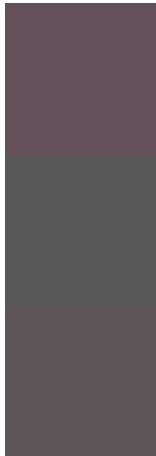
Original Color
645058

Protanomaly
5A535A

Deuteranomaly
605257

Tritanomaly
645057

Monochromacy



Original Color
645058

Achromatopsia
575757

Achromatomaly
5C5457

CSS Examples

Text

The CSS property to change the color of the text to Hex 645058 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 #645058 looks like.

```
.text, #text, p{  
    color:#645058  
}
```

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 #645058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645058
}
```

Border

The CSS property to change the border of an element to Hex 645058 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".

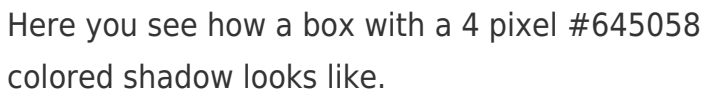
```
.border, #border, table{ border:4px solid
#645058 }
```

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

```
.border{ border-color:#645058 }
```

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

Here you see how a box with a 4 pixel #645058 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645058; -webkit-box-shadow:4px 4px  
4px 4px #645058; box-shadow:4px 4px 4px  
4px #645058 }
```

Background

The CSS property to change the background color of an element to Hex 645058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645058 }
```

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

```
.background{ background-color:#645058 }
```

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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