

Converting Colors

Hex(645657)

Have a look what the booklet for
Hex(645657) contains.

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Color

Hex(645657)

Conversions

Conversions Part 1

Format	Color
Hex	645657
RGB	100, 86, 87
RGB Percent	39%, 34%, 34%
CMY	0.6078, 0.6627, 0.6588
CMYK	0.00, 0.14, 0.13, 0.61
HSL	356°, 8%, 36%
HSV	356°, 14%, 39%
XYZ	10.3036, 10.0530, 10.4142
YIQ	90.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

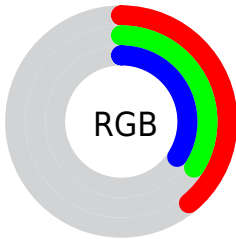
Format	Color
R_{YB}	100, 86, 87
Decimal	6575703
CIE Lab	37.94, 5.92, 1.53
CIE LCh	38, 6.114, 14.504
Yxy	10.0530, 0.3349, 0.3267
Android (android.graphics.Color)	4284765783 (0xFF645657)
YUV	90.3000, -1.6269, 8.5069
Hunter-Lab	31.7065, 2.5205, 2.7204

Details

The Hex color **645657** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **566463**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **978889**, and **35292A** is the 20% darker color. If you saturate the color by 10%, you get **644C4E**, and if you desaturate by 10%, it is **646060**.

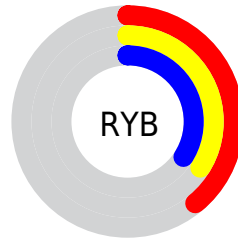
Distribution



Red (39%)

Green (34%)

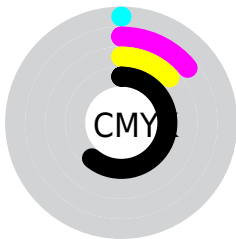
Blue (34%)



Red (39%)

Yellow (34%)

Blue (34%)

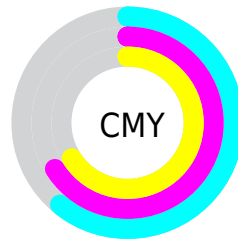


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (61%)



Cyan (61%)

Magenta (66%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645657 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 645657 by changing the saturation by 10% instead.



645657



645657

FFFFFF



4C3F40



978889



35292A



B2A2A3



201515



CDBDBE



000000



E9D9DA



FFF5F6



645657



645657



644C4E



646060



644244



646A6A

64383B

647473

642E32

647E7C

642429

648885

641A1F

64928F

641016

649C98

64060D

64A6A1

640007

64B0AB

Harmonies

Analogous

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



62565C



645657



635753

Triad

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



645657



555B52



515A63

Complementary

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



645657



566463

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.



4E5C60



645657



505C56

Square

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



645657



5B5A50



4D5C5C



575963

Rectangle

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



645657



615851



4D5C5C



505B62

Sweetspot

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



645657



827D7D



635664



423F3F



C2C2C2



424242

Same Dimension

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



645657



826C6E



645C56



332E2E



730008



F20011

Inverse Universe

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



645657



826C6E



565E64



332E2E



730008



F20011

Previews

White Background



This preview shows how the Hex color 645657 looks on a white background.

Color Contrast Check

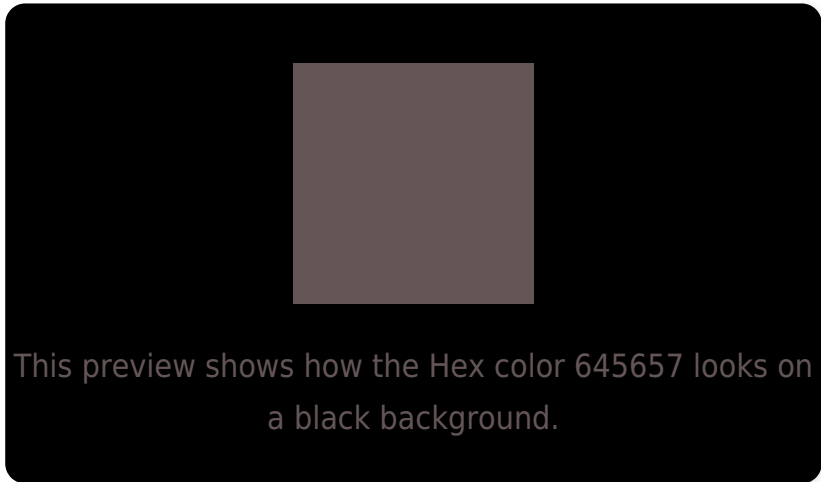
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

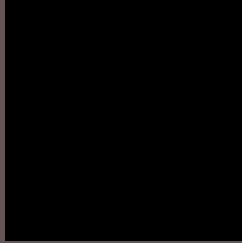
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 645657 Background



This preview shows how black text looks on a background with the Hex color 645657.

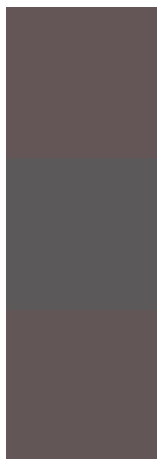


This preview shows how white text looks on a background with the Hex color 645657.

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
645657

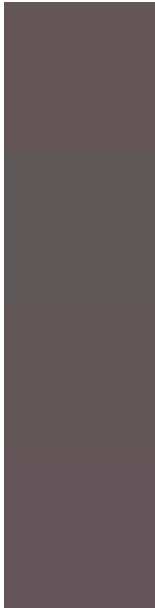
Protanopia
5B5959

Deuteranopia
635657



Tritanopia
65555C

Trichromacy



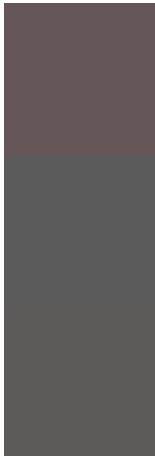
Original Color
645657

Protanomaly
5E5858

Deuteranomaly
635657

Tritanomaly
65555A

Monochromacy



Original Color
645657

Achromatopsia
5A5A5A

Achromatomaly
5E5959

CSS Examples

Text

The CSS property to change the color of the text to Hex 645657 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 #645657 looks like.

```
.text, #text, p{  
    color:#645657  
}
```

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 #645657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645657
}
```

Border

The CSS property to change the border of an element to Hex 645657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

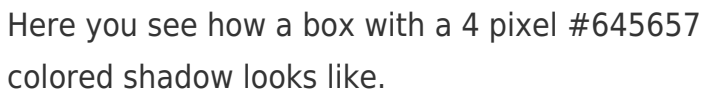
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645657 }
```

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

```
.border{ border-color:#645657 }
```

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



Here you see how a box with a 4 pixel #645657 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645657; -webkit-box-shadow:4px 4px  
4px 4px #645657; box-shadow:4px 4px 4px  
4px #645657 }
```

Background

The CSS property to change the background color of an element to Hex 645657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645657 }
```

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

```
.background{ background-color:#645657 }
```

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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