

Converting Colors

Hex(645D5C)

Have a look what the booklet for
Hex(645D5C) contains.

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Color

Hex(645D5C)

Conversions

Conversions Part 1

Format	Color
Hex	645D5C
RGB	100, 93, 92
RGB Percent	39%, 36%, 36%
CMY	0.6078, 0.6353, 0.6392
CMYK	0.00, 0.07, 0.08, 0.61
HSL	7°, 4%, 38%
HSV	7°, 8%, 39%
XYZ	11.1016, 11.3107, 11.7233
YIQ	94.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

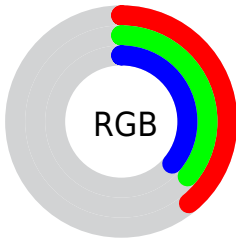
Format	Color
R_{YB}	100, 93, 92
Decimal	6577500
CIE Lab	40.10, 2.60, 1.58
CIE LCh	40, 3.044, 31.176
Yxy	11.3107, 0.3252, 0.3313
Android (android.graphics.Color)	4284767580 (0xFF645D5C)
YUV	94.9790, -1.4686, 4.4034
Hunter-Lab	33.6314, 0.0674, 2.8746

Details

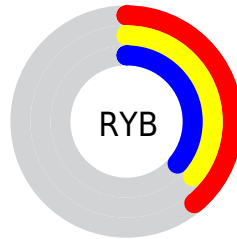
The Hex color **645D5C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C6364**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **978F8E**, and **352F2E** is the 20% darker color. If you saturate the color by 10%, you get **645452**, and if you desaturate by 10%, it is **646666**.

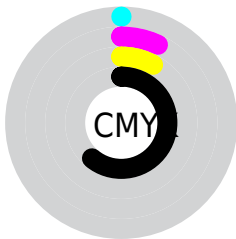
Distribution



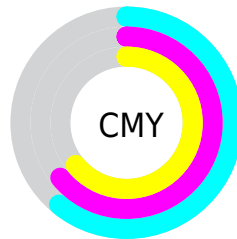
- Red (39%)
- Green (36%)
- Blue (36%)



- Red (39%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645D5C 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 645D5C by changing the saturation by 10% instead.

■ 645D5C

■ 645D5C

FFFFFF

■ 4C4545

■ 978F8E

■ 352F2E

■ B2AAA9

■ 201A1A

■ CDC5C4

■ 070000

■ E9E1E0

■ 000000

■ FFFEFC

■ 645D5C

■ 645D5C

■ 645452

■ 646666

■ 644C48

■ 646F70

■ 64433E

■ 64777A

■ 643A34

■ 648084

■ 64312A

■ 64898E

■ 642820

■ 649298

■ 642016

■ 649AA2

■ 64170C

■ 64A3AC

■ 640E02

■ 64ACB6

Harmonies

Analogous

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



645D5E



645D5C



635E5A

Triad

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



645D5C



5B605C



5C5F63

Complementary

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



645D5C



5C6364

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.



5A5F63



645D5C



59605E

Square

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



645D5C



5E5F5A



596061



5F5E63

Rectangle

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



645D5C



615E5A



596061



5B5F63

Sweetspot

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



645D5C



82807F



645C63



424141



C2C2C2



424242

Same Dimension

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



645D5C



827775



64615C



332F2E



730E00



F21E00

Inverse Universe

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



5C6364



758082



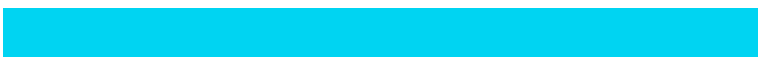
5C5F64



2E3233



006473



00D4F2

Previews

White Background



This preview shows how the Hex color 645D5C looks on a white background.

Color Contrast Check

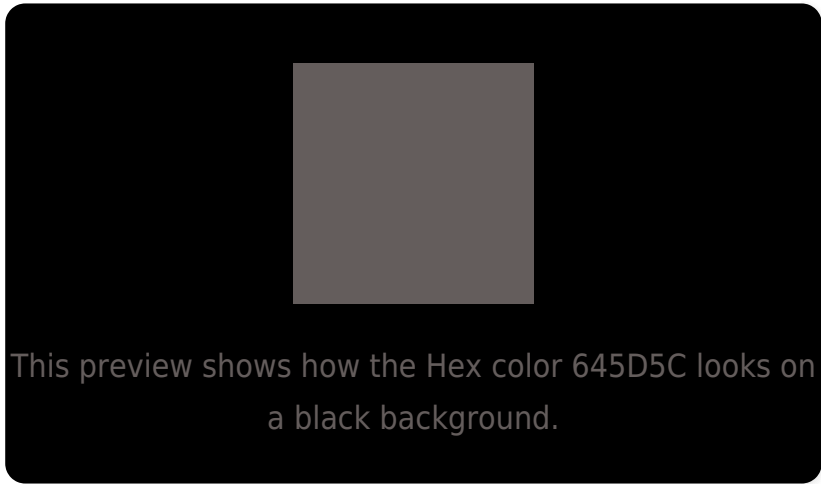
Large Text (above 18pt) WCAG AA ✓ Pass

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

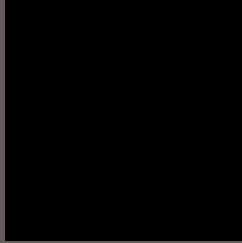
Any Text WCAG AA × Fail

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 645D5C Background



This preview shows how black text looks on a background with the Hex color 645D5C.



This preview shows how white text looks on a background with the Hex color 645D5C.

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](#).

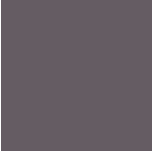
Dichromacy



Original Color
645D5C

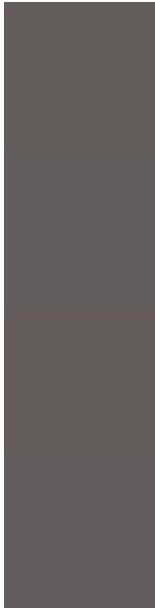
Protanopia
615E5D

Deuteranopia
685B5C



Tritanopia
655C63

Trichromacy



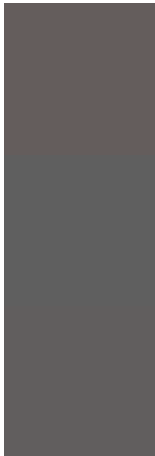
Original Color
645D5C

Protanomaly
625E5D

Deuteranomaly
675C5C

Tritanomaly
655C60

Monochromacy



Original Color
645D5C

Achromatopsia
5F5F5F

Achromatomaly
615E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 645D5C 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 #645D5C looks like.

```
.text, #text, p{  
    color:#645D5C  
}
```

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 #645D5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645D5C
}
```

Border

The CSS property to change the border of an element to Hex 645D5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

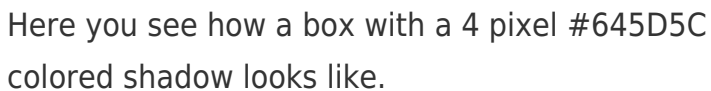
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645D5C }
```

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

```
.border{ border-color:#645D5C }
```

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



Here you see how a box with a 4 pixel #645D5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645D5C; -webkit-box-shadow:4px 4px  
4px 4px #645D5C; box-shadow:4px 4px 4px  
4px #645D5C }
```

Background

The CSS property to change the background color of an element to Hex 645D5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645D5C }
```

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

```
.background{ background-color:#645D5C }
```

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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