

Converting Colors

Hex(645B56)

Have a look what the booklet for
Hex(645B56) contains.

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Color

Hex(645B56)

Conversions

Conversions Part 1

Format	Color
Hex	645B56
RGB	100, 91, 86
RGB Percent	39%, 36%, 34%
CMY	0.6078, 0.6431, 0.6627
CMYK	0.00, 0.09, 0.14, 0.61
HSL	21°, 8%, 36%
HSV	21°, 14%, 39%
XYZ	10.6763, 10.8634, 10.3382
YIQ	93.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

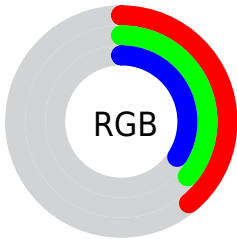
Format	Color
R_{YB}	100, 94, 86
Decimal	6576982
CIE Lab	39.35, 2.67, 4.19
CIE LCh	39, 4.969, 57.452
Yxy	10.8634, 0.3349, 0.3408
Android (android.graphics.Color)	4284767062 (0xFF645B56)
YUV	93.1210, -3.5107, 6.0329
Hunter-Lab	32.9596, 0.1406, 4.4746

Details

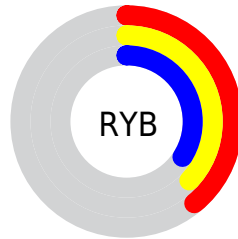
The Hex color **645B56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **565F64**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **978D88**, and **352D29** is the 20% darker color. If you saturate the color by 10%, you get **64554C**, and if you desaturate by 10%, it is **646160**.

Distribution



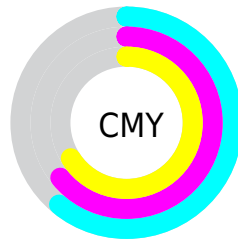
- Red (39%)
- Green (36%)
- Blue (34%)



- Red (39%)
- Yellow (37%)
- Blue (34%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645B56 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 645B56 by changing the saturation by 10% instead.



645B56



645B56

FFFFFF



4C443F



978D88



352D29



B2A7A2



201915



CDC3BD



000000



E9DFD9



FFFBF5



645B56



645B56



64554C



646160



644E42



64686A

■ 644838

■ 646E74

■ 64412E

■ 64757E

■ 643B24

■ 647B88

■ 64341A

■ 648292

■ 642E10

■ 64889C

■ 642806

■ 648EA6

■ 642400

■ 6495B0

Harmonies

Analogous

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



665A59



645B56



615C55

Triad

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



645B56



545F5C



5D5C64

Complementary

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



645B56



565F64

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.



585D65



645B56



535F60

Square

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



645B56



575F58



545E63



625B61

Rectangle

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



645B56



5E5D55



545E63



5B5C64

Sweetspot

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



645B56



827F7D



64565F



42403F



C2C2C2



424242

Same Dimension

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



645B56



82746C



646256



33302E



732900



F25700

Inverse Universe

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



565F64



6C7A82



565864



2E3133



004A73



009CF2

Previews

White Background



This preview shows how the Hex color 645B56 looks on a white background.

Color Contrast Check

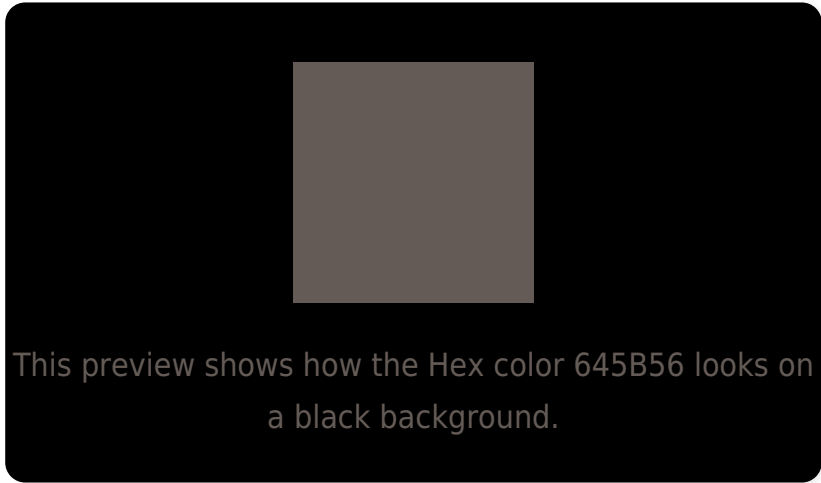
Large Text (above 18pt) WCAG AA ✓ Pass

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

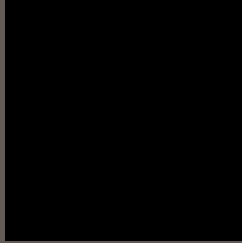
Any Text WCAG AA × Fail

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 645B56 Background



This preview shows how black text looks on a background with the Hex color 645B56.



This preview shows how white text looks on a background with the Hex color 645B56.

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
645B56

Protanopia
605C57

Deuteranopia
685956



Tritanopia
655960

Trichromacy



Original Color

645B56

Protanomaly

615C57

Deuteranomaly

675A56

Tritanomaly

655A5C

Monochromacy



Original Color

645B56

Achromatopsia

5D5D5D

Achromatomaly

605C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 645B56 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 #645B56 looks like.

```
.text, #text, p{  
    color:#645B56  
}
```

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 #645B56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645B56
}
```

Border

The CSS property to change the border of an element to Hex 645B56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

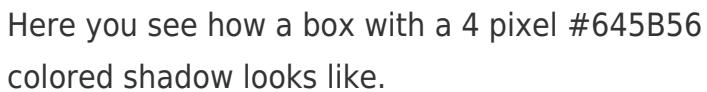
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645B56 }
```

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

```
.border{ border-color:#645B56 }
```

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



Here you see how a box with a 4 pixel #645B56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645B56; -webkit-box-shadow:4px 4px  
4px 4px #645B56; box-shadow:4px 4px 4px  
4px #645B56 }
```

Background

The CSS property to change the background color of an element to Hex 645B56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645B56 }
```

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

```
.background{ background-color:#645B56 }
```

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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