

Converting Colors

Hex(645121)

Have a look what the booklet for
Hex(645121) contains.

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Color

Hex(645121)

Conversions

Conversions Part 1

Format	Color
Hex	645121
RGB	100, 81, 33
RGB Percent	39%, 32%, 13%
CMY	0.6078, 0.6824, 0.8706
CMYK	0.00, 0.19, 0.67, 0.61
HSL	43°, 50%, 26%
HSV	43°, 67%, 39%
XYZ	8.4725, 8.7040, 2.6723
YIQ	81.2090, 26.7320, -10.9000

Conversions

Conversions Part 2

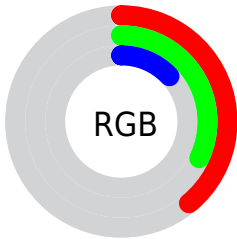
Format	Color
R _{YB}	60, 100, 33
Decimal	6574369
CIE Lab	35.41, 1.77, 30.51
CIE LCh	35, 30.564, 86.684
Yxy	8.7040, 0.4269, 0.4385
Android (android.graphics.Color)	4284764449 (0xFF645121)
YUV	81.2090, -23.7670, 16.4797
Hunter-Lab	29.5025, -0.3682, 15.2813

Details

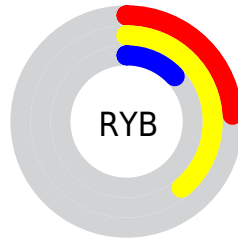
The Hex color **645121** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **213464**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **998250**, and **332500** is the 20% darker color. If you saturate the color by 10%, you get **644E17**, and if you desaturate by 10%, it is **64542B**.

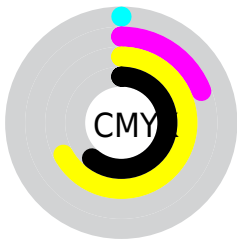
Distribution



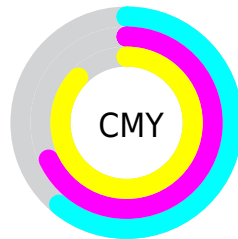
- Red (39%)
- Green (32%)
- Blue (13%)



- Red (24%)
- Yellow (39%)
- Blue (13%)



- Cyan (0%)
- Magenta (19%)
- Yellow (67%)
- Black (61%)



- Cyan (61%)
- Magenta (68%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645121 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 645121 by changing the saturation by 10% instead.

 645121

 645121

FFFFFF

 4B3A0A

 998250

 332500

 B59C68

 1A1000

 D1B782

 000000

 EED29C

 FFEFB7

 FFFFD3

 FFFFEE

 645121

 645121

■ 644E17

■ 64542B

■ 644B0D

■ 645735

■ 644803

■ 645A3F

■ 644800

■ 645C49

■ 645F53

■ 64625D

■ 646567

■ 646871

■ 646B7B

Harmonies

Analogous

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



77482B



645121



4C5826

Triad

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



645121



005F68



6F456E

Complementary

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



645121



213464

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.



514E7F



645121



005D7C

Square

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



645121



005F50



1E5784



7F3F57

Rectangle

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



645121



395C31



1E5784



664875

Sweetspot

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



645121



827B68



642135



423E32



C2C2C2



424242

Same Dimension

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



645121



82651A



576421



33322E



735200



F2AE00

Inverse Universe

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



213464



1A3882



2E2164



2E2F33



002173



0045F2

Previews

White Background



This preview shows how the Hex color 645121 looks on a white background.

Color Contrast Check

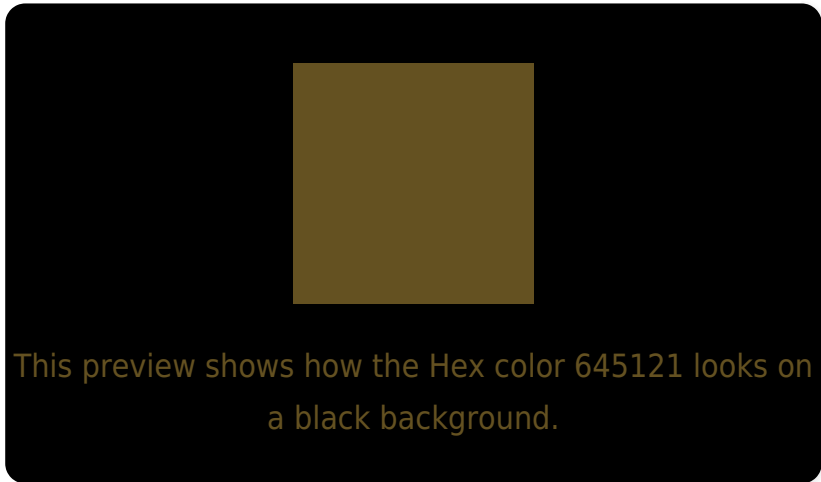
Large Text (above 18pt) WCAG AA ✓ Pass

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

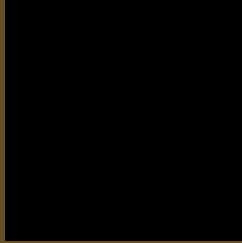
Any Text WCAG AA × Fail

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 645121 Background



This preview shows how black text looks on a background with the Hex color 645121.



This preview shows how white text looks on a background with the Hex color 645121.

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
645121

Protanopia
5D5422

Deuteranopia
684F21



Tritanopia
684C52

Trichromacy



Original Color
645121

Protanomaly
605322

Deuteranomaly
675021

Tritanomaly
674E40

Monochromacy



Original Color
645121

Achromatopsia
515151

Achromatomaly
585140

CSS Examples

Text

The CSS property to change the color of the text to Hex 645121 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 #645121 looks like.

```
.text, #text, p{  
    color:#645121  
}
```

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 #645121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645121
}
```

Border

The CSS property to change the border of an element to Hex 645121 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
#645121 }
```

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

```
.border{ border-color:#645121 }
```

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

Here you see how a box with a 4 pixel #645121 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645121; -webkit-box-shadow:4px 4px  
4px 4px #645121; box-shadow:4px 4px 4px  
4px #645121 }
```

Background

The CSS property to change the background color of an element to Hex 645121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645121 }
```

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

```
.background{ background-color:#645121 }
```

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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