

Converting Colors

Hex(642105)

Have a look what the booklet for
Hex(642105) contains.

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Color

Hex(642105)

Conversions

Conversions Part 1

Format	Color
Hex	642105
RGB	100, 33, 5
RGB Percent	39%, 13%, 2%
CMY	0.6078, 0.8706, 0.9804
CMYK	0.00, 0.67, 0.95, 0.61
HSL	18°, 90%, 21%
HSV	18°, 95%, 39%
XYZ	5.8268, 3.8080, 0.5715
YIQ	49.8410, 48.9200, 5.4960

Conversions

Conversions Part 2

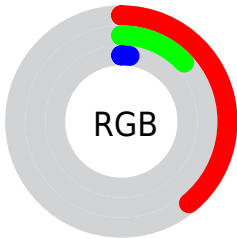
Format	Color
R_{YB}	100, 45, 5
Decimal	6562053
CIE _{Lab}	23.03, 28.93, 31.53
CIE _{LCh}	23, 42.792, 47.454
Yxy	3.8080, 0.5709, 0.3731
Android (android.graphics.Color)	4284752133 (0xFF642105)
YUV	49.8410, -22.1066, 43.9894
Hunter-Lab	19.5141, 19.1493, 11.9235

Details

The Hex color **642105** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **054864**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9C5133**, and **2F0000** is the 20% darker color. If you saturate the color by 10%, you get **641D00**, and if you desaturate by 10%, it is **64280F**.

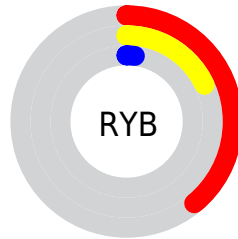
Distribution



Red (39%)

Green (13%)

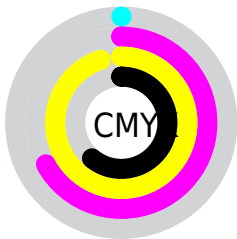
Blue (2%)



Red (39%)

Yellow (18%)

Blue (2%)

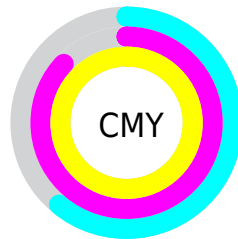


Cyan (0%)

Magenta (67%)

Yellow (95%)

Black (61%)



Cyan (61%)

Magenta (87%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642105 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 642105 by changing the saturation by 10% instead.

 642105

 642105

 FFFFE8

 490800

 9C5133

 2F0000

 B9694A

 000000

 D78362

 F59E7B

 FFB995

 FFD5B0

 FFF1CC

 642105

 642105

■ 641D00

■ 64280F

■ 642F19

■ 643623

■ 643D2D

■ 644437

■ 644B41

■ 64524B

■ 645955

■ 64605F

Harmonies

Analogous

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



6E1026



642105



503100

Triad

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



642105



004428



063475

Complementary

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



642105



054864

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.



003F76



642105



004549

Square

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



642105



024104



004466



4F2463

Rectangle

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



642105



3E3800



004466



003977

Sweetspot

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



642105



82675C



640549



42322B



C2C2C2



424242

Same Dimension

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



642105



822600



644F05



332F2E



732200



F24700

Inverse Universe

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



054864



005C82



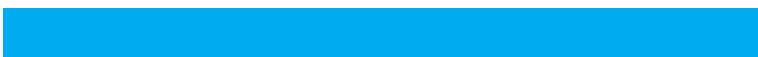
051A64



2E3133



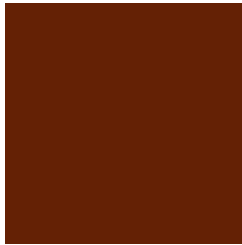
005173



00ABF2

Previews

White Background



This preview shows how the Hex color 642105 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

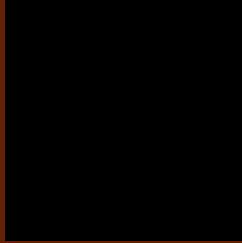
Any Text WCAG AA × Fail

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 642105 Background



This preview shows how black text looks on a background with the Hex color 642105.



This preview shows how white text looks on a background with the Hex color 642105.

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
642105

Protanopia
3F390C

Deuteranopia
473600



Tritanopia
651F20

Trichromacy



Original Color
642105

Protanomaly
4C3009

Deuteranomaly
522E02

Tritanomaly
652016

Monochromacy



Original Color
642105

Achromatopsia
323232

Achromatomaly
442C22

CSS Examples

Text

The CSS property to change the color of the text to Hex 642105 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 #642105 looks like.

```
.text, #text, p{  
    color:#642105  
}
```

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 #642105 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642105
}
```

Border

The CSS property to change the border of an element to Hex 642105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

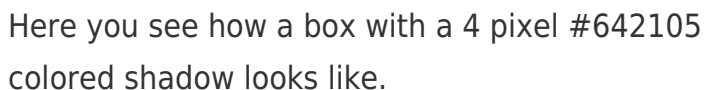
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642105 }
```

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

```
.border{ border-color:#642105 }
```

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



Here you see how a box with a 4 pixel #642105 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642105; -webkit-box-shadow:4px 4px  
4px 4px #642105; box-shadow:4px 4px 4px  
4px #642105 }
```

Background

The CSS property to change the background color of an element to Hex 642105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642105 }
```

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

```
.background{ background-color:#642105 }
```

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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