

Converting Colors

Hex(64591D)

Have a look what the booklet for
Hex(64591D) contains.

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Color

Hex(64591D)

Conversions

Conversions Part 1

Format	Color
Hex	64591D
RGB	100, 89, 29
RGB Percent	39%, 35%, 11%
CMY	0.6078, 0.6510, 0.8863
CMYK	0.00, 0.11, 0.71, 0.61
HSL	51°, 55%, 25%
HSV	51°, 71%, 39%
XYZ	9.0497, 9.9428, 2.6046
YIQ	85.4490, 25.8160, -16.3280

Conversions

Conversions Part 2

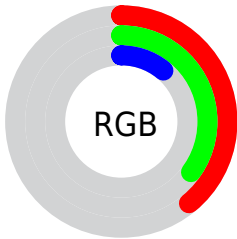
Format	Color
R_{YB}	42, 100, 29
Decimal	6576413
CIE Lab	37.74, -3.32, 35.03
CIE LCh	38, 35.185, 95.416
Yxy	9.9428, 0.4190, 0.4604
Android (android.graphics.Color)	4284766493 (0xFF64591D)
YUV	85.4490, -27.8294, 12.7612
Hunter-Lab	31.5322, -3.9522, 17.1751

Details

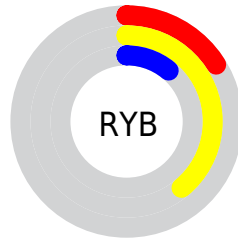
The Hex color **64591D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1D2864**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **998B4C**, and **332C00** is the 20% darker color. If you saturate the color by 10%, you get **645713**, and if you desaturate by 10%, it is **645B27**.

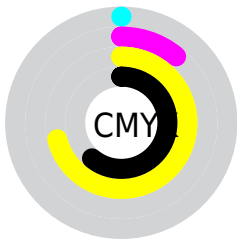
Distribution



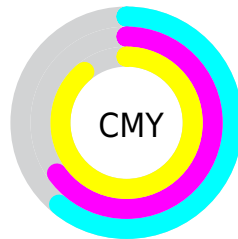
- Red (39%)
- Green (35%)
- Blue (11%)



- Red (16%)
- Yellow (39%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (71%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64591D 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 64591D by changing the saturation by 10% instead.

 64591D

 64591D

FFFFFF

 4B4204

 998B4C

 332C00

 B5A565

 1A1800

 D1C07F

 000000

 EEDC99

 FFF8B4

 FFFFD0

 FFFFED

 64591D

 64591D

■ 645713

■ 645B27

■ 645609

■ 645C31

■ 645500

■ 645E3B

■ 645F45

■ 64614F

■ 646259

■ 646463

■ 64656D

■ 646777

Harmonies

Analogous

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



7C4F25



64591D



466128

Triad

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



64591D



006679



804471

Complementary

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



64591D



1D2864

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.



614F87



64591D



00628C

Square

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



64591D



00675D



2C5A91



8D4055

Rectangle

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



64591D



2D6437



2C5A91



784879

Sweetspot

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



64591D



827E67



641D29



424032



C2C2C2



424242

Same Dimension

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



64591D



827114



4C641D



33322E



736100



F2CD00

Inverse Universe

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



1D2864



142582



351D64



2E2F33



001273



0026F2

Previews

White Background



This preview shows how the Hex color 64591D looks on a white background.

Color Contrast Check

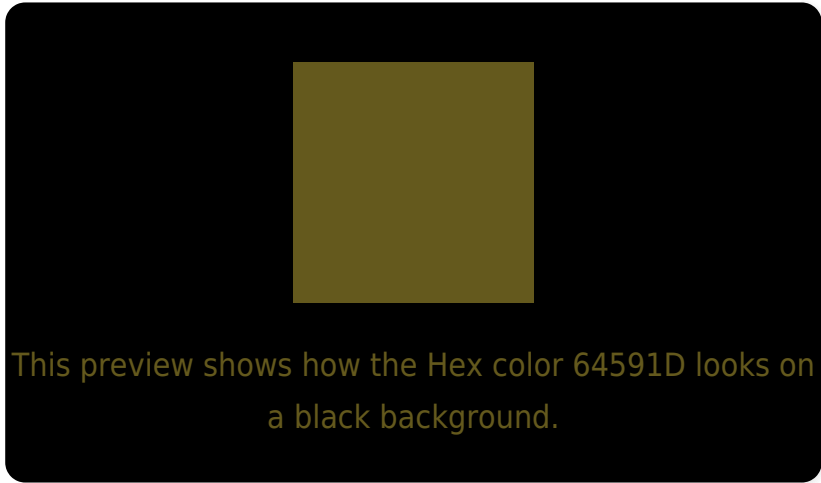
Large Text (above 18pt) WCAG AA ✓ Pass

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

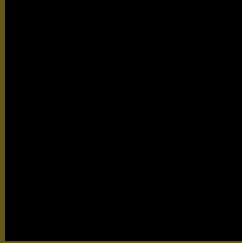
Any Text WCAG AA × Fail

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 64591D Background



This preview shows how black text looks on a background with the Hex color 64591D.



This preview shows how white text looks on a background with the Hex color 64591D.

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
64591D

Protanopia
64591D

Deuteranopia
6F551F



Tritanopia
69535A

Trichromacy



Original Color
64591D

Protanomaly
64591D

Deuteranomaly
6B561E

Tritanomaly
675544

Monochromacy



Original Color
64591D

Achromatopsia
555555

Achromatomaly
5A5641

CSS Examples

Text

The CSS property to change the color of the text to Hex 64591D 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 #64591D looks like.

```
.text, #text, p{  
    color:#64591D  
}
```

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 #64591D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64591D
}
```

Border

The CSS property to change the border of an element to Hex 64591D is called "border". The border property can be set on classes, ids or directly on the HTML element.

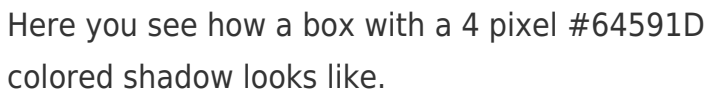
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64591D }
```

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

```
.border{ border-color:#64591D }
```

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



Here you see how a box with a 4 pixel #64591D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64591D; -webkit-box-shadow:4px 4px  
4px 4px #64591D; box-shadow:4px 4px 4px  
4px #64591D }
```

Background

The CSS property to change the background color of an element to Hex 64591D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64591D }
```

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

```
.background{ background-color:#64591D }
```

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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