

# Converting Colors

Hex(64290F)

Have a look what the booklet for  
Hex(64290F) contains.

<b>Hex(64290F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(64290F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64290F
RGB	100, 41, 15
RGB Percent	39%, 16%, 6%
CMY	0.6078, 0.8392, 0.9412
CMYK	0.00, 0.59, 0.85, 0.61
HSL	18°, 74%, 23%
HSV	18°, 85%, 39%
XYZ	6.1347, 4.3297, 0.9643
YIQ	55.6770, 43.5100, 4.4220

# Conversions

## Conversions Part 2

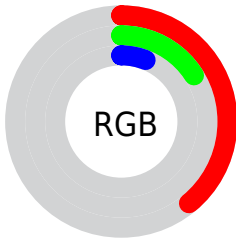
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 52, 15
Decimal	6564111
CIE Lab	24.73, 24.99, 28.85
CIE LCh	25, 38.170, 49.097
Yxy	4.3297, 0.5368, 0.3788
Android (android.graphics.Color)	4284754191 (0xFF64290F)
YUV	55.6770, -20.0538, 38.8713
Hunter-Lab	20.8079, 16.2124, 11.8178

# Details

The Hex color **64290F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0F4A64**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **9C583B**, and **2F0000** is the 20% darker color. If you saturate the color by 10%, you get **642205**, and if you desaturate by 10%, it is **643019**.

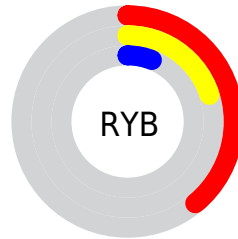
# Distribution



Red (39%)

Green (16%)

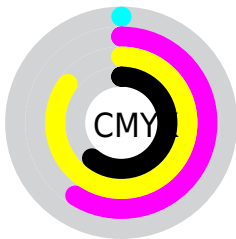
Blue (6%)



Red (39%)

Yellow (20%)

Blue (6%)

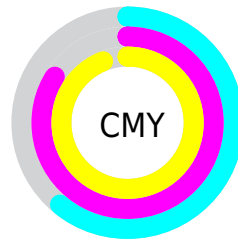


Cyan (0%)

Magenta (59%)

Yellow (85%)

Black (61%)



Cyan (61%)

Magenta (84%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64290F 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 64290F by changing the saturation by 10% instead.



 64290F

 64290F

 FFFFF2

 4A1200

 9C583B

 2F0000

 B87152

 060000

 D68B6B

 000000

 F3A584

 FFC19F

 FFDDBA

 FFFAD5

 64290F

 64290F

■ 642205

■ 643019

■ 641F00

■ 643723

■ 643E2D

■ 644537

■ 644C41

■ 64534B

■ 645A55

■ 64615F

■ 646769

# Harmonies

## Analogous

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



6D1D2A



64290F



513600

# Triad

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



64290F



00472F



223872

# Complementary

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



64290F



0F4A64

# 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.



004173



64290F



00484D

# Square

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



64290F



104411



004666



522A61

# Rectangle

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



64290F



403C00



004666



003B74



# Sweetspot

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



64290F



826B60



640F4B



42342E



C2C2C2



424242



# Same Dimension

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



64290F



822800



64530F



332F2E



732300



F24A00



# Inverse Universe

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



0F4A64



005A82



0F2064



2E3133



005073

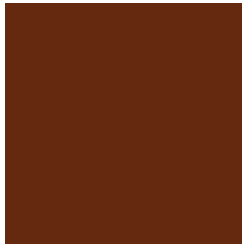


00A8F2



# Previews

## White Background



This preview shows how the Hex color 64290F looks on a white background.

## Color Contrast Check

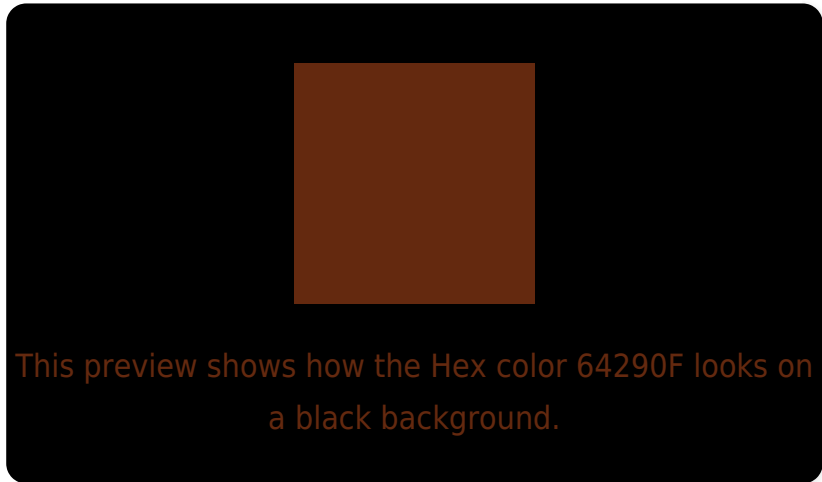
Large Text (above 18pt) WCAG AA ✓ Pass

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 64290F Background



This preview shows how black text looks on a background with the Hex color 64290F.



This preview shows how white text looks on a background with the Hex color 64290F.

# 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**  
64290F

**Protanopia**  
433C14

**Deuteranopia**  
4C3906



**Tritanopia**  
652629

# Trichromacy



**Original Color**  
64290F

**Protanomaly**  
4F3512

**Deuteranomaly**  
553309

**Tritanomaly**  
652720

# Monochromacy



**Original Color**  
64290F

**Achromatopsia**  
383838

**Achromatomaly**  
483329

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64290F 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 #64290F looks like.

```
.text, #text, p{  
    color:#64290F  
}
```

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 #64290F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64290F
}
```

## Border

The CSS property to change the border of an element to Hex 64290F is called "border". The border property can be set on classes, ids or directly on the HTML element.

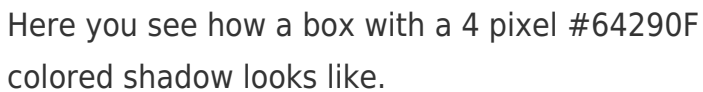
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64290F }
```

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

```
.border{ border-color:#64290F }
```

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



Here you see how a box with a 4 pixel #64290F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64290F; -webkit-box-shadow:4px 4px  
4px 4px #64290F; box-shadow:4px 4px 4px  
4px #64290F }
```

# Background

The CSS property to change the background color of an element to Hex 64290F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64290F }
```

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

```
.background{ background-color:#64290F }
```

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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