

# Converting Colors

Hex(63591F)

Have a look what the booklet for  
Hex(63591F) contains.

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# Color

**Hex(63591F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63591F
RGB	99, 89, 31
RGB Percent	39%, 35%, 12%
CMY	0.6118, 0.6510, 0.8784
CMYK	0.00, 0.10, 0.69, 0.61
HSL	51°, 52%, 25%
HSV	51°, 69%, 39%
XYZ	8.9653, 9.8963, 2.7340
YIQ	85.3780, 24.5780, -15.9180

# Conversions

## Conversions Part 2

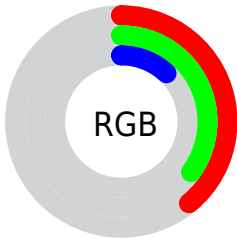
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 99, 31
Decimal	6510879
CIE <sub>Lab</sub>	37.66, -3.67, 33.94
CIE <sub>LCh</sub>	38, 34.142, 96.173
Yxy	9.8963, 0.4151, 0.4583
Android (android.graphics.Color)	4284700959 (0xFF63591F)
YUV	85.3780, -26.8084, 11.9465
Hunter-Lab	31.4584, -4.1818, 16.8681

# Details

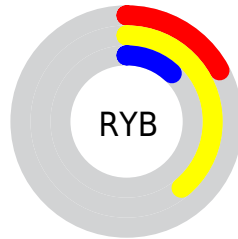
The Hex color **63591F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1F2963**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **988B4E**, and **322C00** is the 20% darker color. If you saturate the color by 10%, you get **635815**, and if you desaturate by 10%, it is **635A29**.

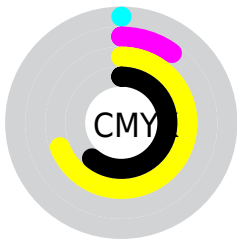
# Distribution



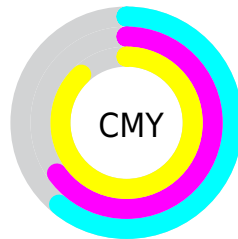
- Red (39%)
- Green (35%)
- Blue (12%)



- Red (17%)
- Yellow (39%)
- Blue (12%)



- Cyan (0%)
- Magenta (10%)
- Yellow (69%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63591F 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 63591F by changing the saturation by 10% instead.





63591F



63591F

FFFFFF



4A4206



988B4E



322C00



B3A567



1A1800



D0C081



000000



ECDC9B



FFF8B6



FFFFD2



FFFFEE



63591F



63591F

■ 635815

■ 635A29

■ 63560B

■ 635C33

■ 635501

■ 635D3D

■ 635400

■ 635F47

■ 636051

■ 63625A

■ 636364

■ 63656E

■ 636678

# Harmonies

## Analogous

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



7A4F26



63591F



46602A

# Triad

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



63591F



006578



7F456F

# Complementary

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



63591F



1F2963

# 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.



624F85



63591F



00618B

# Square

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



63591F



00665E



315A8F



8B4154

# Rectangle

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



63591F



2E6439



315A8F



774878



# Sweetspot

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



63591F



807C65



631F29



403D30



BFBFBF



404040



# Same Dimension

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



63591F



807017



4B631F



30302C



706000



F0CC00



# Inverse Universe

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



1F2963



172680



371F63



2C2C30



001170



0023F0



# Previews

## White Background



This preview shows how the Hex color 63591F looks on a white background.

## Color Contrast Check

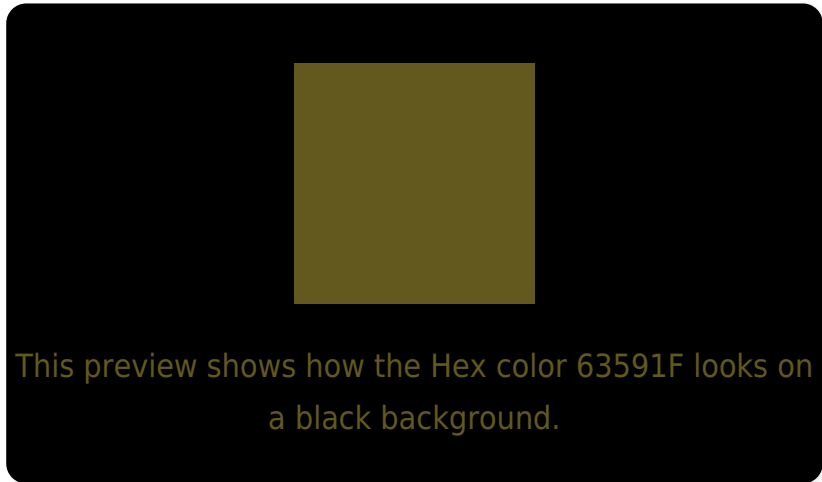
Large Text (above 18pt) WCAG AA ✓ Pass

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

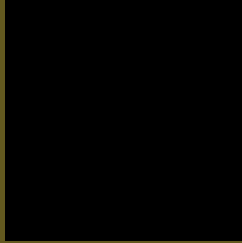
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63591F Background



This preview shows how black text looks on a background with the Hex color 63591F.



This preview shows how white text looks on a background with the Hex color 63591F.

# 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**  
63591F

**Protanopia**  
63591F

**Deuteranopia**  
6F5421



**Tritanopia**  
68535A

# Trichromacy



**Original Color**  
63591F

**Protanomaly**  
63591F

**Deuteranomaly**  
6B5620

**Tritanomaly**  
665545

# Monochromacy



**Original Color**  
63591F

**Achromatopsia**  
555555

**Achromatomaly**  
5A5641

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63591F 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 #63591F looks like.

```
.text, #text, p{  
    color:#63591F  
}
```

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 #63591F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63591F
}
```

## Border

The CSS property to change the border of an element to Hex 63591F is called "border". The border property can be set on classes, ids or directly on the HTML element.

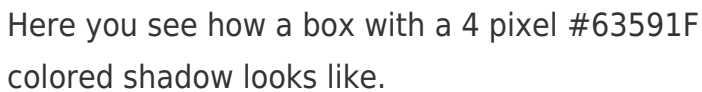
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63591F }
```

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

```
.border{ border-color:#63591F }
```

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



Here you see how a box with a 4 pixel #63591F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63591F; -webkit-box-shadow:4px 4px  
4px 4px #63591F; box-shadow:4px 4px 4px  
4px #63591F }
```

# Background

The CSS property to change the background color of an element to Hex 63591F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63591F }
```

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

```
.background{ background-color:#63591F }
```

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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