

# Converting Colors

Hex(591958)

Have a look what the booklet for  
Hex(591958) contains.

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**Color**

**Hex(591958)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	591958
RGB	89, 25, 88
RGB Percent	35%, 10%, 35%
CMY	0.6510, 0.9020, 0.6549
CMYK	0.00, 0.72, 0.01, 0.65
HSL	301°, 56%, 22%
HSV	301°, 72%, 35%
XYZ	6.2289, 3.5237, 9.5844
YIQ	51.3180, 17.9210, 33.1610

# Conversions

## Conversions Part 2

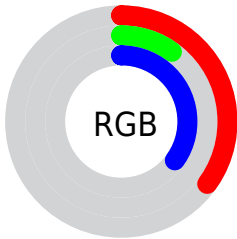
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 25, 88
Decimal	5839192
CIELab	22.03, 37.66, -23.40
CIELCh	22, 44.341, 328.150
Yxy	3.5237, 0.3221, 0.1822
Android (android.graphics.Color)	4284029272 (0xFF591958)
YUV	51.3180, 18.0842, 33.0471
Hunter-Lab	18.7715, 26.3812, -17.1323

# Details

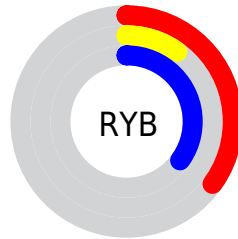
The Hex color **591958** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **19591A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8D4B8A**, and **2A002A** is the 20% darker color. If you saturate the color by 10%, you get **591058**, and if you desaturate by 10%, it is **592258**.

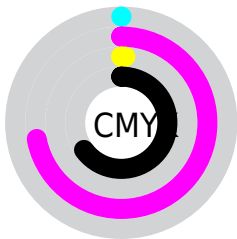
# Distribution



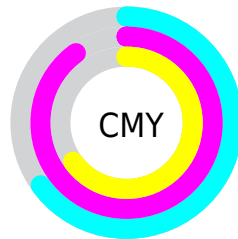
- Red (35%)
- Green (10%)
- Blue (35%)



- Red (35%)
- Yellow (10%)
- Blue (35%)



- Cyan (0%)
- Magenta (72%)
- Yellow (1%)
- Black (65%)



- Cyan (65%)
- Magenta (90%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 591958 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 591958 by changing the saturation by 10% instead.



 591958

 591958

FFFFFF

 400040

 8D4B8A

 2A002A

 A864A5

 000014

 C47EC0

 000000

 E198DC

 FEB4F9

 FFD0FF

 FFECFF

 591958

 591958

■ 591058

■ 592258

■ 590758

■ 592B58

■ 590058

■ 593458

■ 593D59

■ 594659

■ 594E59

■ 595759

■ 596059

■ 596959

# Harmonies

## Analogous

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



2A2D6F



591958



6B0438

# Triad

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



591958



443300



004353

# Complementary

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



591958



19591A

# 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.



004232



591958



243C00

# Square

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



591958



5C2400



00400E



00406D

# Rectangle

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



591958



6D0823



00400E



004348



# Sweetspot

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



591958



735A72



191959



3B2B3A



BABABA



3B3B3B



# Same Dimension

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



591958



731071



591939



2B272B



6B0069



EB00E7



# Inverse Universe

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



591958



731071



195939



2B272B



6B0069

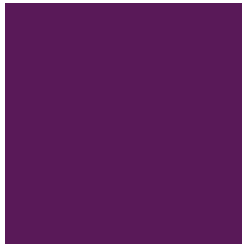


EB00E7



# Previews

## White Background



This preview shows how the Hex color 591958 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

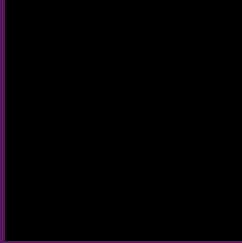
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 591958 Background



This preview shows how black text looks on a background with the Hex color 591958.

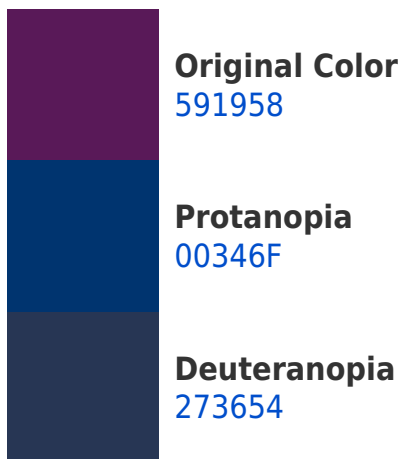


This preview shows how white text looks on a background with the Hex color 591958.

# 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





**Tritanopia**  
54282B

# Trichromacy



**Original Color**  
591958

**Protanomaly**  
202A67

**Deuteranomaly**  
392B55

**Tritanomaly**  
56233B

# Monochromacy



**Original Color**  
591958

**Achromatopsia**  
333333

**Achromatomaly**  
412A40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 591958 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 #591958 looks like.

```
.text, #text, p{  
    color:#591958  
}
```

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 #591958 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #591958
}
```

## Border

The CSS property to change the border of an element to Hex 591958 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
#591958 }
```

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

```
.border{ border-color:#591958 }
```

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

Here you see how a box with a 4 pixel #591958 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #591958; -webkit-box-shadow:4px 4px  
4px 4px #591958; box-shadow:4px 4px 4px  
4px #591958 }
```

# Background

The CSS property to change the background color of an element to Hex 591958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#591958 }
```

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

```
.background{ background-color:#591958 }
```

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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