

Converting Colors

Hex(56318F)

Have a look what the booklet for
Hex(56318F) contains.

Hex(56318F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(56318F)

Conversions

Conversions Part 1

Format	Color
Hex	56318F
RGB	86, 49, 143
RGB Percent	34%, 19%, 56%
CMY	0.6627, 0.8078, 0.4392
CMYK	0.40, 0.66, 0.00, 0.44
HSL	264°, 49%, 38%
HSV	264°, 66%, 56%
XYZ	9.8940, 6.1582, 26.6538
YIQ	70.7790, -8.1220, 37.0780

Conversions

Conversions Part 2

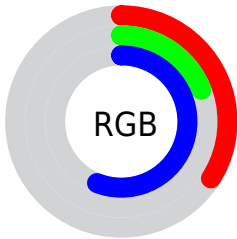
Format	Color
R_{YB}	86, 49, 143
Decimal	5648783
CIE _{Lab}	29.81, 37.76, -46.13
CIE _{LCh}	30, 59.613, 309.299
Yxy	6.1582, 0.2317, 0.1442
Android (android.graphics.Color)	4283838863 (0xFF56318F)
YUV	70.7790, 35.6050, 13.3488
Hunter-Lab	24.8158, 27.7399, -46.3103

Details

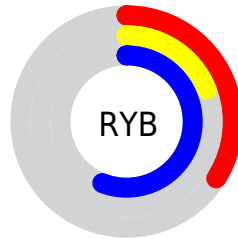
The Hex color **56318F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6A8F31**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8C61C6**, and **1F025C** is the 20% darker color. If you saturate the color by 10%, you get **4D238F**, and if you desaturate by 10%, it is **5F3F8F**.

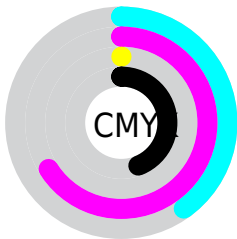
Distribution



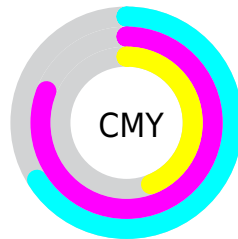
- Red (34%)
- Green (19%)
- Blue (56%)



- Red (34%)
- Yellow (19%)
- Blue (56%)



- Cyan (40%)
- Magenta (66%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (81%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56318F 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 56318F by changing the saturation by 10% instead.

■ 56318F

■ 56318F

FFFFFF

■ 3B1A75

■ 8C61C6

■ 1F025C

■ A87BE2

■ 080044

■ C495FF

■ 00032C

■ E1B0FF

■ 000117

■ FECCFF

■ 000000

■ FFE8FF

■ 56318F

■ 56318F

■ 4D238F

■ 5F3F8F

■ 45148F

■ 674E8F

■ 3C068F

■ 705C8F

■ 38008F

■ 796A8F

■ 81798F

■ 8A878F

■ 93958F

■ 9BA38F

■ A4B28F

Harmonies

Analogous

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



0048A3



56318F



860568

Triad

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



56318F



703700



005954

Complementary

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



56318F



6A8F31

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.



005723



56318F



4A4900

Square

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



56318F



8B190C



0D5300



005981

Rectangle

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



56318F



920049



0D5300



005944

Sweetspot

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



56318F



A495BA



316B8F



51485E



DEDEDE



5E5E5E

Same Dimension

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



56318F



6127BA



84318F



434047



350087



030008

Inverse Universe

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



8F316A



BA2780



3C8F31



474045



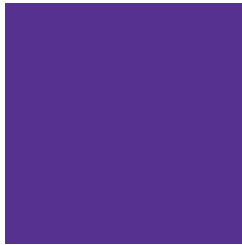
870052



080005

Previews

White Background



This preview shows how the Hex color 56318F 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

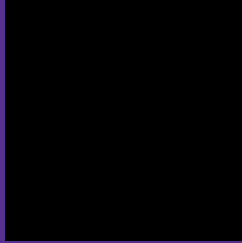
Any Text WCAG AA × Fail

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 56318F Background



This preview shows how black text looks on a background with the Hex color 56318F.

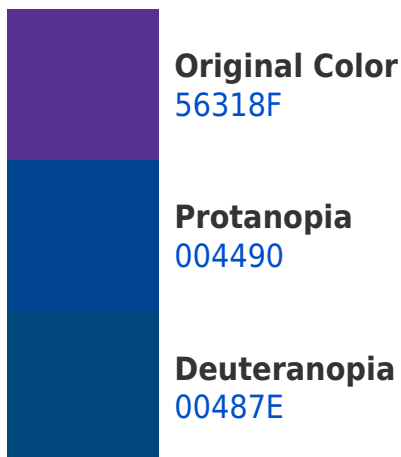


This preview shows how white text looks on a background with the Hex color 56318F.

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
47464B

Trichromacy



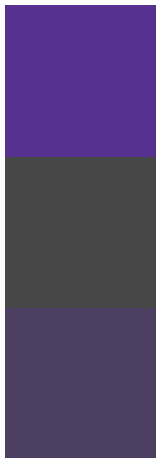
Original Color
56318F

Protanomaly
1F3D90

Deuteranomaly
1F4084

Tritanomaly
4C3E64

Monochromacy



Original Color
56318F

Achromatopsia
474747

Achromatomaly
4C3F61

CSS Examples

Text

The CSS property to change the color of the text to Hex 56318F 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 #56318F looks like.

```
.text, #text, p{  
    color:#56318F  
}
```

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 #56318F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56318F
}
```

Border

The CSS property to change the border of an element to Hex 56318F is called "border". The border property can be set on classes, ids or directly on the HTML element.

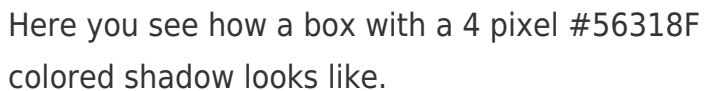
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56318F }
```

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

```
.border{ border-color:#56318F }
```

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



Here you see how a box with a 4 pixel #56318F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56318F; -webkit-box-shadow:4px 4px  
4px 4px #56318F; box-shadow:4px 4px 4px  
4px #56318F }
```

Background

The CSS property to change the background color of an element to Hex 56318F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56318F }
```

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

```
.background{ background-color:#56318F }
```

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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