

Converting Colors

Hex(5E1186)

Have a look what the booklet for
Hex(5E1186) contains.

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Color

Hex(5E1186)

Conversions

Conversions Part 1

Format	Color
Hex	5E1186
RGB	94, 17, 134
RGB Percent	37%, 7%, 53%
CMY	0.6314, 0.9333, 0.4745
CMYK	0.30, 0.87, 0.00, 0.47
HSL	279°, 77%, 30%
HSV	279°, 87%, 53%
XYZ	9.1196, 4.5018, 22.9425
YIQ	53.3610, 8.3350, 52.7110

Conversions

Conversions Part 2

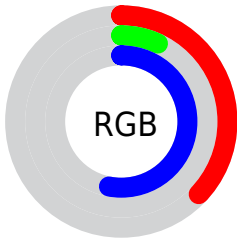
Format	Color
RYB	94, 17, 134
Decimal	6164870
CIELab	25.27, 51.03, -47.86
CIElCh	25, 69.967, 316.835
Yxy	4.5018, 0.2494, 0.1231
Android (android.graphics.Color)	4284354950 (0xFF5E1186)
YUV	53.3610, 39.7550, 35.6404
Hunter-Lab	21.2175, 39.5917, -49.2583

Details

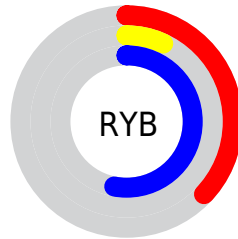
The Hex color **5E1186** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **398611**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9549BC**, and **280053** is the 20% darker color. If you saturate the color by 10%, you get **590486**, and if you desaturate by 10%, it is **631E86**.

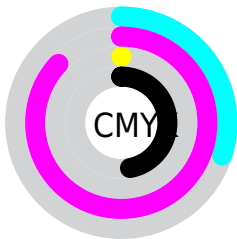
Distribution



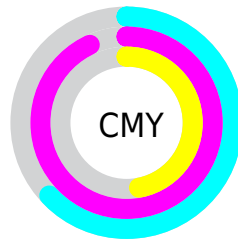
- Red (37%)
- Green (7%)
- Blue (53%)



- Red (37%)
- Yellow (7%)
- Blue (53%)



- Cyan (30%)
- Magenta (87%)
- Yellow (0%)
- Black (47%)



- Cyan (63%)
- Magenta (93%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E1186 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 5E1186 by changing the saturation by 10% instead.

■ 5E1186

■ 5E1186

FFFFFF

■ 43006C

■ 9549BC

■ 280053

■ B163D8

■ 0C003B

■ CD7DF5

■ 000224

■ EB98FF

■ 00000D

■ FFB4FF

■ 000000

■ FFD0FF

■ FFEDFF

■ 5E1186

■ 5E1186

■ 590486

■ 631E86

■ 580086

■ 672C86

■ 6C3986

■ 704786

■ 755486

■ 796186

■ 7E6F86

■ 837C86

■ 878A86

Harmonies

Analogous

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



003AA4



5E1186



8A0056

Triad

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



5E1186



5D3100



004F5A

Complementary

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



5E1186



398611

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.



004E21



5E1186



2E4300

Square

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



5E1186



800000



004A00



004F8A

Rectangle

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



5E1186



920033



004A00



004F47

Sweetspot

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



5E1186



9E80AD



113A86



4E3C57



D6D6D6



575757

Same Dimension

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



5E1186



7200AD



861174



403C42



560082



020003

Inverse Universe

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



861139



AD003B



118623



423C3E



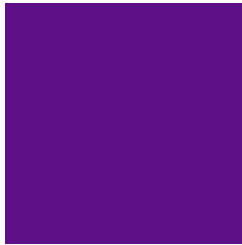
82002C



030001

Previews

White Background



This preview shows how the Hex color 5E1186 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

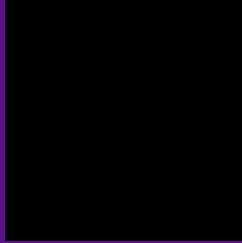
Any Text WCAG AA × Fail

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 5E1186 Background



This preview shows how black text looks on a background with the Hex color 5E1186.



This preview shows how white text looks on a background with the Hex color 5E1186.

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
5E1186

Protanopia
003C7E

Deuteranopia
003F6D



Tritanopia
51363A

Trichromacy



Original Color
5E1186



Protanomaly
222C81



Deuteranomaly
222E76



Tritanomaly
562956

Monochromacy



Original Color
5E1186



Achromatopsia
353535



Achromatomaly
442852

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E1186 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 #5E1186 looks like.

```
.text, #text, p{  
    color:#5E1186  
}
```

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 #5E1186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1186
}
```

Border

The CSS property to change the border of an element to Hex 5E1186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

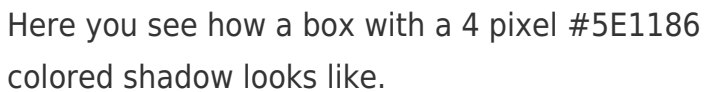
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E1186 }
```

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

```
.border{ border-color:#5E1186 }
```

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



Here you see how a box with a 4 pixel #5E1186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1186; -webkit-box-shadow:4px 4px  
4px 4px #5E1186; box-shadow:4px 4px 4px  
4px #5E1186 }
```

Background

The CSS property to change the background color of an element to Hex 5E1186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1186 }
```

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

```
.background{ background-color:#5E1186 }
```

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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