

Converting Colors

Hex(5E1679)

Have a look what the booklet for
Hex(5E1679) contains.

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Color

Hex(5E1679)

Conversions

Conversions Part 1

Format	Color
Hex	5E1679
RGB	94, 22, 121
RGB Percent	37%, 9%, 47%
CMY	0.6314, 0.9137, 0.5255
CMYK	0.22, 0.82, 0.00, 0.53
HSL	284°, 69%, 28%
HSV	284°, 82%, 47%
XYZ	8.3542, 4.3340, 18.4854
YIQ	54.8140, 11.1330, 46.0530

Conversions

Conversions Part 2

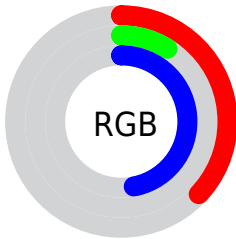
Format	Color
RYB	94, 22, 121
Decimal	6166137
CIELab	24.75, 46.68, -40.49
CIElCh	25, 61.795, 319.060
Yxy	4.3340, 0.2680, 0.1390
Android (android.graphics.Color)	4284356217 (0xFF5E1679)
YUV	54.8140, 32.6297, 34.3661
Hunter-Lab	20.8182, 35.1989, -38.0734

Details

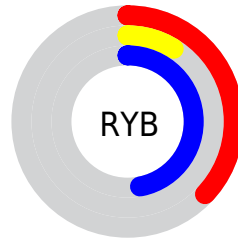
The Hex color **5E1679** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **317916**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **944BAE**, and **2B0047** is the 20% darker color. If you saturate the color by 10%, you get **5B0A79**, and if you desaturate by 10%, it is **612279**.

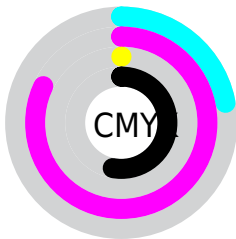
Distribution



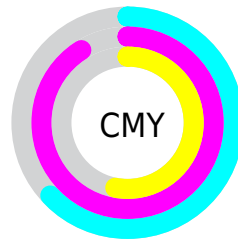
- Red (37%)
- Green (9%)
- Blue (47%)



- Red (37%)
- Yellow (9%)
- Blue (47%)



- Cyan (22%)
- Magenta (82%)
- Yellow (0%)
- Black (53%)



- Cyan (63%)
- Magenta (91%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E1679 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 5E1679 by changing the saturation by 10% instead.

■ 5E1679

■ 5E1679

FFFFFF

■ 440060

■ 944BAE

■ 2B0047

■ B065CA

■ 100030

■ CC7FE6

■ 00011A

■ E99AFF

■ 000000

■ FFB5FF

■ FFD2FF

■ FFEEFF

■ 5E1679

■ 5E1679

■ 5B0A79

■ 612279

■ 580079

■ 652E79

■ 683A79

■ 6B4679

■ 6E5279

■ 725F79

■ 756B79

■ 787779

■ 7C8379

Harmonies

Analogous

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



003795



5E1679



81004E

Triad

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



5E1679



573300



004D58

Complementary

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



5E1679



317916

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.



004B27



5E1679



2D4100

Square

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



5E1679



761400



004800



004C82

Rectangle

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



5E1679



88002F



004800



004C48

Sweetspot

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



5E1679



93779E



163279



49374F



CFCFCF



4F4F4F

Same Dimension

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



5E1679



74039E



791664



3C373D



5B007D



B800FC

Inverse Universe

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



791631



9E032D



16792B



3D3739



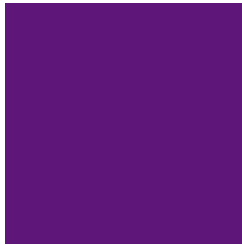
7D0022



FC0045

Previews

White Background



This preview shows how the Hex color 5E1679 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

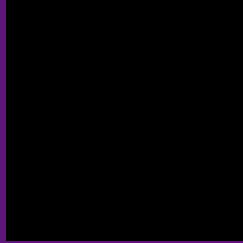
Any Text WCAG AA × Fail

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 5E1679 Background



This preview shows how black text looks on a background with the Hex color 5E1679.



This preview shows how white text looks on a background with the Hex color 5E1679.

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
5E1679

Protanopia
003A7B

Deuteranopia
003E6C



Tritanopia
543336

Trichromacy



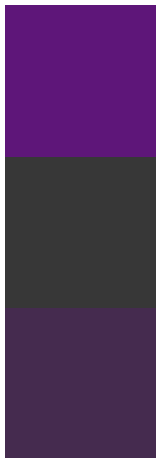
Original Color
5E1679

Protanomaly
222D7A

Deuteranomaly
222F71

Tritanomaly
58284E

Monochromacy



Original Color
5E1679

Achromatopsia
373737

Achromatomaly
452B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E1679 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 #5E1679 looks like.

```
.text, #text, p{  
    color:#5E1679  
}
```

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 #5E1679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1679
}
```

Border

The CSS property to change the border of an element to Hex 5E1679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

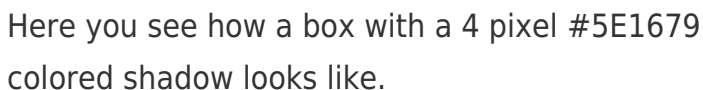
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E1679 }
```

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

```
.border{ border-color:#5E1679 }
```

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



Here you see how a box with a 4 pixel #5E1679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1679; -webkit-box-shadow:4px 4px  
4px 4px #5E1679; box-shadow:4px 4px 4px  
4px #5E1679 }
```

Background

The CSS property to change the background color of an element to Hex 5E1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1679 }
```

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

```
.background{ background-color:#5E1679 }
```

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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