

Converting Colors

Hex(5E1DE2)

Have a look what the booklet for
Hex(5E1DE2) contains.

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Color

Hex(5E1DE2)

Conversions

Conversions Part 1

Format	Color
Hex	5E1DE2
RGB	94, 29, 226
RGB Percent	37%, 11%, 89%
CMY	0.6314, 0.8863, 0.1137
CMYK	0.58, 0.87, 0.00, 0.11
HSL	260°, 77%, 50%
HSV	260°, 87%, 89%
XYZ	18.7829, 8.7494, 72.6503
YIQ	70.8930, -24.4970, 75.0470

Conversions

Conversions Part 2

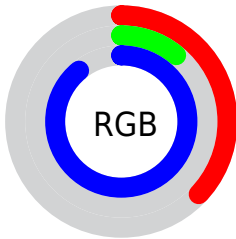
Format	Color
R _Y B	94, 29, 226
Decimal	6168034
CIE Lab	35.50, 69.26, -85.98
CIE LCh	35, 110.407, 308.856
Yxy	8.7494, 0.1875, 0.0873
Android (android.graphics.Color)	4284358114 (0xFF5E1DE2)
YUV	70.8930, 76.4678, 20.2648
Hunter-Lab	29.5794, 61.5837, -124.9174

Details

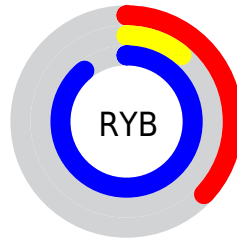
The Hex color **5E1DE2** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **A1E21D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9E57FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **4F06E2**, and if you desaturate by 10%, it is **6D34E2**.

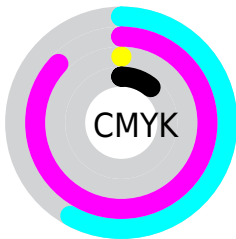
Distribution



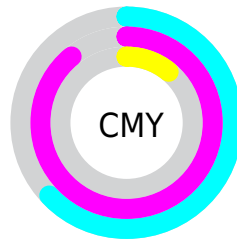
- Red (37%)
- Green (11%)
- Blue (89%)



- Red (37%)
- Yellow (11%)
- Blue (89%)



- Cyan (58%)
- Magenta (87%)
- Yellow (0%)
- Black (11%)



- Cyan (63%)
- Magenta (89%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E1DE2 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 5E1DE2 by changing the saturation by 10% instead.

 5E1DE2

 5E1DE2

FFFFFF

 3900C5

 9E57FF

 0000A9

 BD72FF

 00008E

 DC8DFF

 000073

 FCA9FF

 000859

 FFC6FF

 000741

 FFE3FF

 00032A

 000114

 000000

■ 5E1DE2

■ 5E1DE2

■ 4F06E2

■ 6D34E2

■ 4B00E2

■ 7C4AE2

■ 8B61E2

■ 9B77E2

■ AA8EE2

■ B9A5E2

■ C8BBE2

■ D7D2E2

■ E6E8E2

Harmonies

Analogous

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



005CFF



5E1DE2



C60095

Triad

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



5E1DE2



973200



006F6D

Complementary

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



5E1DE2



A1E21D

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.



006D00



5E1DE2



4F5900

Square

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



5E1DE2



C90000



006800



0072C4

Rectangle

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



5E1DE2



DC005C



006800



006F4E

Sweetspot

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



5E1DE2



D3BDFF



1DA4E2



655880



000000



808080

Same Dimension

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



5E1DE2



5400FF



BE1DE2



696570



3A00B0



100030

Inverse Universe

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



E21DA1



FF00AB



41E21D



70656C



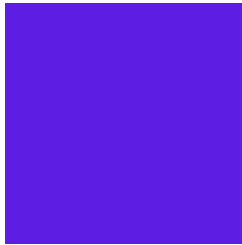
B00076



300020

Previews

White Background



This preview shows how the Hex color 5E1DE2 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

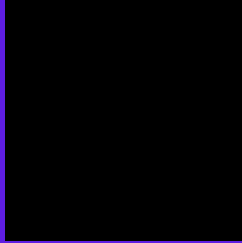
Any Text WCAG AA × Fail

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 5E1DE2 Background



This preview shows how black text looks on a background with the Hex color 5E1DE2.

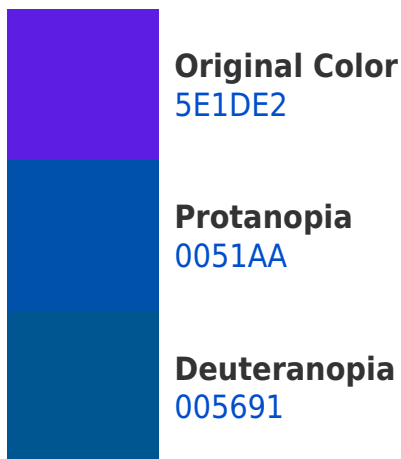


This preview shows how white text looks on a background with the Hex color 5E1DE2.

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
285B62

Trichromacy



Original Color
5E1DE2



Protanomaly
223EBE



Deuteranomaly
2241AE



Tritanomaly
3C4491

Monochromacy



Original Color
5E1DE2



Achromatopsia
474747



Achromatomaly
4F387F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E1DE2 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 #5E1DE2 looks like.

```
.text, #text, p{  
    color:#5E1DE2  
}
```

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 #5E1DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1DE2
}
```

Border

The CSS property to change the border of an element to Hex 5E1DE2 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".

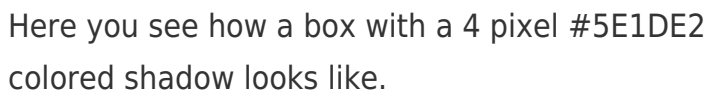
```
.border, #border, table{ border:4px solid
#5E1DE2 }
```

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

```
.border{ border-color:#5E1DE2 }
```

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

Here you see how a box with a 4 pixel #5E1DE2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #5E1DE2 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1DE2; -webkit-box-shadow:4px 4px  
4px 4px #5E1DE2; box-shadow:4px 4px 4px  
4px #5E1DE2 }
```

Background

The CSS property to change the background color of an element to Hex 5E1DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1DE2 }
```

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

```
.background{ background-color:#5E1DE2 }
```

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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