

Converting Colors

Hex(5C29DE)

Have a look what the booklet for
Hex(5C29DE) contains.

Hex(5C29DE)	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(5C29DE)

Conversions

Conversions Part 1

Format	Color
Hex	5C29DE
RGB	92, 41, 222
RGB Percent	36%, 16%, 87%
CMY	0.6392, 0.8392, 0.1294
CMYK	0.59, 0.82, 0.00, 0.13
HSL	257°, 73%, 52%
HSV	257°, 82%, 87%
XYZ	18.3914, 9.1351, 69.9012
YIQ	76.8830, -27.7050, 67.1030

Conversions

Conversions Part 2

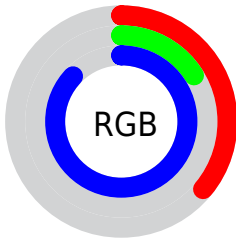
Format	Color
R_{YB}	92, 41, 222
Decimal	6040030
CIE _{Lab}	36.24, 64.01, -82.46
CIE _{LCh}	36, 104.388, 307.822
Yxy	9.1351, 0.1888, 0.0938
Android (android.graphics.Color)	4284230110 (0xFF5C29DE)
YUV	76.8830, 71.5427, 13.2576
Hunter-Lab	30.2244, 55.7239, -115.9655

Details

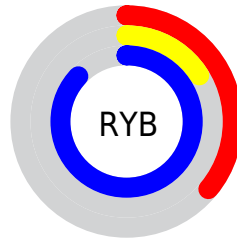
The Hex color **5C29DE** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **ABDE29**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9C5FFF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **4C13DE**, and if you desaturate by 10%, it is **6C3FDE**.

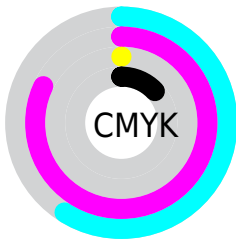
Distribution



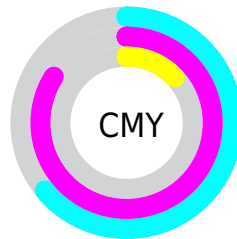
- Red (36%)
- Green (16%)
- Blue (87%)



- Red (36%)
- Yellow (16%)
- Blue (87%)



- Cyan (59%)
- Magenta (82%)
- Yellow (0%)
- Black (13%)



- Cyan (64%)
- Magenta (84%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C29DE 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 5C29DE by changing the saturation by 10% instead.

 5C29DE

 5C29DE

FFFFFF

 3806C1


 9C5FFF

 0000A5

 BA79FF

 00008A

 D994FF

 00006F

 F8B0FF

 000856

 FFCCFF

 00063E

 FFE9FF

 000327

 000110

 000000

 5C29DE

 5C29DE

 4C13DE

 6C3FDE

 3F00DE

 7C55DE

 8C6CDE

 9C82DE

 AC98DE

 BCAEDE

 CCC4DE

 DCDBDE

 ECF1DE

Harmonies

Analogous

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



005EFF



5C29DE



C10097

Triad

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



5C29DE



983400



00716A

Complementary

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



5C29DE



ABDE29

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.



006E03



5C29DE



555A00

Square

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



5C29DE



C80000



006900



0073BD

Rectangle

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



5C29DE



D80060



006900



00704D

Sweetspot

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



5C29DE



D3C2FF



29AEDE



655B80



000000



808080

Same Dimension

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



5C29DE



4C05FF



B429DE



686570



3200B0



0E0030

Inverse Universe

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



DE29AB



FF05B9



53DE29



70656D



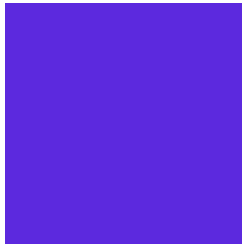
B0007E



300023

Previews

White Background



This preview shows how the Hex color 5C29DE 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

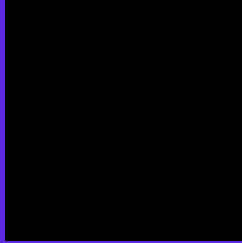
Any Text WCAG AA × Fail

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 5C29DE Background



This preview shows how black text looks on a background with the Hex color 5C29DE.




This preview shows how white text looks on a background with the Hex color 5C29DE.

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
285D64

Trichromacy



Original Color
5C29DE



Protanomaly
2143BF



Deuteranomaly
2147AF



Tritanomaly
3B4A90

Monochromacy



Original Color
5C29DE



Achromatopsia
4D4D4D



Achromatomaly
524082

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C29DE 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 #5C29DE looks like.

```
.text, #text, p{  
    color:#5C29DE  
}
```

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 #5C29DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C29DE
}
```

Border

The CSS property to change the border of an element to Hex 5C29DE 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
#5C29DE }
```

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

```
.border{ border-color:#5C29DE }
```

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

Here you see how a box with a 4 pixel #5C29DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C29DE; -webkit-box-shadow:4px 4px  
4px 4px #5C29DE; box-shadow:4px 4px 4px  
4px #5C29DE }
```

Background

The CSS property to change the background color of an element to Hex 5C29DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C29DE }
```

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

```
.background{ background-color:#5C29DE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor