

Converting Colors

Hex(5C1276)

Have a look what the booklet for
Hex(5C1276) contains.

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Color

Hex(5C1276)

Conversions

Conversions Part 1

Format	Color
Hex	5C1276
RGB	92, 18, 118
RGB Percent	36%, 7%, 46%
CMY	0.6392, 0.9294, 0.5373
CMYK	0.22, 0.85, 0.00, 0.54
HSL	284°, 74%, 27%
HSV	284°, 85%, 46%
XYZ	7.9000, 4.0159, 17.4983
YIQ	51.5260, 12.0040, 46.7880

Conversions

Conversions Part 2

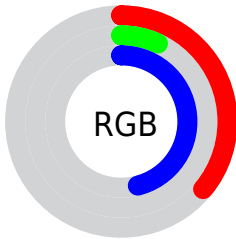
Format	Color
R_{YB}	92, 18, 118
Decimal	6034038
CIE _{Lab}	23.72, 46.98, -40.25
CIE _{LCh}	24, 61.863, 319.415
Yxy	4.0159, 0.2686, 0.1365
Android (android.graphics.Color)	4284224118 (0xFF5C1276)
YUV	51.5260, 32.7717, 35.4957
Hunter-Lab	20.0398, 35.2975, -37.7429

Details

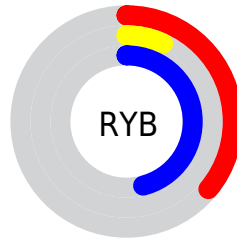
The Hex color **5C1276** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2C7612**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9248AB**, and **290045** is the 20% darker color. If you saturate the color by 10%, you get **590676**, and if you desaturate by 10%, it is **5F1E76**.

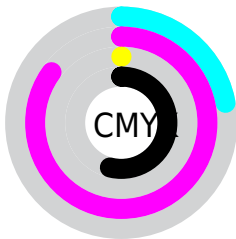
Distribution



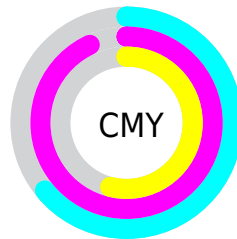
- Red (36%)
- Green (7%)
- Blue (46%)



- Red (36%)
- Yellow (7%)
- Blue (46%)



- Cyan (22%)
- Magenta (85%)
- Yellow (0%)
- Black (54%)



- Cyan (64%)
- Magenta (93%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C1276 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 5C1276 by changing the saturation by 10% instead.

■ 5C1276

■ 5C1276

FFFFFF

■ 42005D

■ 9248AB

■ 290045

■ AD62C6

■ 0B002E

■ CA7CE3

■ 000118

■ E797FF

■ 000000

■ FFB2FF

■ FFCEFF

■ FFE8FF

■ 5C1276

■ 5C1276

■ 590676

■ 5F1E76

■ 570076

■ 622A76

■ 653576

■ 684176

■ 6B4D76

■ 6E5976

■ 716576

■ 757076

■ 787C76

Harmonies

Analogous

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



003492



5C1276



7F004B

Triad

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



5C1276



543100



004A56

Complementary

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



5C1276



2C7612

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.



004926



5C1276



293F00

Square

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



5C1276



731100



004600



004980

Rectangle

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



5C1276



85002D



004600



004A47

Sweetspot

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



5C1276



8F7399



122D76



47364D



CCCCCC



4D4D4D

Same Dimension

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



5C1276



710099



76125F



39353B



5B007A



B900FA

Inverse Universe

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



76122C



990028



127629



3B3536



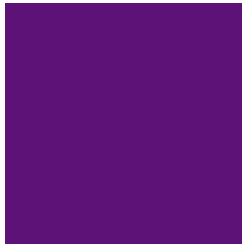
7A0020



FA0041

Previews

White Background



This preview shows how the Hex color 5C1276 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

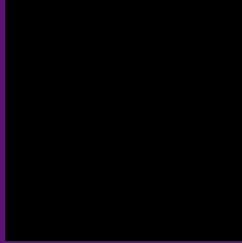
Any Text WCAG AA × Fail

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 5C1276 Background



This preview shows how black text looks on a background with the Hex color 5C1276.



This preview shows how white text looks on a background with the Hex color 5C1276.

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
5C1276

Deuteranopia
003C68

Tritanopia
523034

Trichromacy

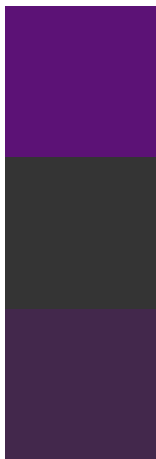


Original Color
5C1276

Deuteranomaly
212D6D

Tritanomaly
56254C

Monochromacy



Original Color
5C1276

Achromatopsia
343434

Achromatomaly
43284C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C1276 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 #5C1276 looks like.

```
.text, #text, p{  
    color:#5C1276  
}
```

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 #5C1276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C1276
}
```

Border

The CSS property to change the border of an element to Hex 5C1276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

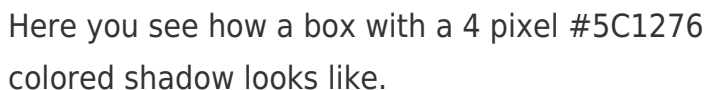
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C1276 }
```

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

```
.border{ border-color:#5C1276 }
```

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



Here you see how a box with a 4 pixel #5C1276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C1276; -webkit-box-shadow:4px 4px  
4px 4px #5C1276; box-shadow:4px 4px 4px  
4px #5C1276 }
```

Background

The CSS property to change the background color of an element to Hex 5C1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C1276 }
```

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

```
.background{ background-color:#5C1276 }
```

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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