

Converting Colors

Hex(5D2175)

Have a look what the booklet for
Hex(5D2175) contains.

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Color

Hex(5D2175)

Conversions

Conversions Part 1

Format	Color
Hex	5D2175
RGB	93, 33, 117
RGB Percent	36%, 13%, 46%
CMY	0.6353, 0.8706, 0.5412
CMYK	0.21, 0.72, 0.00, 0.54
HSL	283°, 56%, 29%
HSV	283°, 72%, 46%
XYZ	8.2689, 4.6992, 17.3008
YIQ	60.5160, 8.7960, 38.8440

Conversions

Conversions Part 2

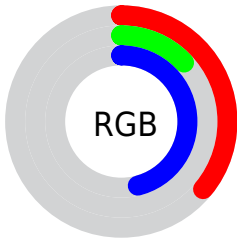
Format	Color
R_{YB}	93, 33, 117
Decimal	6103413
CIE _{Lab}	25.86, 41.12, -36.15
CIE _{LCh}	26, 54.753, 318.677
Yxy	4.6992, 0.2732, 0.1552
Android (android.graphics.Color)	4284293493 (0xFF5D2175)
YUV	60.5160, 27.8466, 28.4885
Hunter-Lab	21.6777, 30.1528, -32.1446

Details

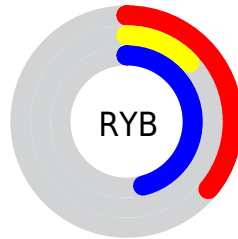
The Hex color **5D2175** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **397521**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **9253AA**, and **2B0044** is the 20% darker color. If you saturate the color by 10%, you get **5A1575**, and if you desaturate by 10%, it is **602D75**.

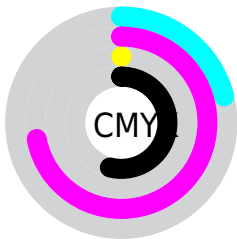
Distribution



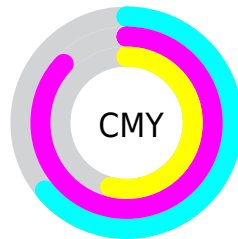
- Red (36%)
- Green (13%)
- Blue (46%)



- Red (36%)
- Yellow (13%)
- Blue (46%)



- Cyan (21%)
- Magenta (72%)
- Yellow (0%)
- Black (54%)



- Cyan (64%)
- Magenta (87%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2175 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 5D2175 by changing the saturation by 10% instead.

■ 5D2175

■ 5D2175

FFFFFF

■ 43045C

■ 9253AA

■ 2B0044

■ AE6CC5

■ 12002D

■ CA86E1

■ 000117

■ E6A1FE

■ 000000

■ FFBDF5

■ FFD9FF

■ FFF6FF

■ 5D2175

■ 5D2175

■ 5A1575

■ 602D75

■ 560A75

■ 643875

■ 540075

■ 674475

■ 6A5075

■ 6E5C75

■ 716775

■ 747375

■ 787F75

■ 7B8A75

Harmonies

Analogous

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



003A8D



5D2175



7D004F

Triad

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



5D2175



593600



004E57

Complementary

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



5D2175



397521

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.



004D2B



5D2175



344300

Square

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



5D2175



751F00



004A00



004D7C

Rectangle

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



5D2175



830033



004A00



004E49

Sweetspot

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



5D2175



8F7799



213A75



47394D



CCCCCC



4D4D4D

Same Dimension

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



5D2175



731599



752164



39353B



57007A



B300FA

Inverse Universe

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



752139



99153B



217532



3B3536



7A0023



FA0047

Previews

White Background



This preview shows how the Hex color 5D2175 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

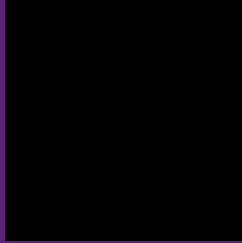
Any Text WCAG AA × Fail

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 5D2175 Background



This preview shows how black text looks on a background with the Hex color 5D2175.



This preview shows how white text looks on a background with the Hex color 5D2175.

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
5D2175

Protanopia
003C7F

Deuteranopia
0D3F70



Tritanopia
54363A

Trichromacy



Original Color
5D2175



Protanomaly
22327B



Deuteranomaly
2A3472



Tritanomaly
572E4F

Monochromacy



Original Color
5D2175



Achromatopsia
3D3D3D



Achromatomaly
493351

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2175 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 #5D2175 looks like.

```
.text, #text, p{  
    color:#5D2175  
}
```

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 #5D2175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2175
}
```

Border

The CSS property to change the border of an element to Hex 5D2175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

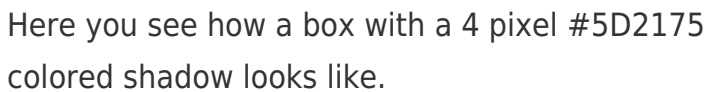
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2175 }
```

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

```
.border{ border-color:#5D2175 }
```

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



Here you see how a box with a 4 pixel #5D2175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2175; -webkit-box-shadow:4px 4px  
4px 4px #5D2175; box-shadow:4px 4px 4px  
4px #5D2175 }
```

Background

The CSS property to change the background color of an element to Hex 5D2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2175 }
```

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

```
.background{ background-color:#5D2175 }
```

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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