

Converting Colors

Hex(570DAF)

Have a look what the booklet for
Hex(570DAF) contains.

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Color

Hex(570DAF)

Conversions

Conversions Part 1

Format	Color
Hex	570DAF
RGB	87, 13, 175
RGB Percent	34%, 5%, 69%
CMY	0.6588, 0.9490, 0.3137
CMYK	0.50, 0.93, 0.00, 0.31
HSL	267°, 86%, 37%
HSV	267°, 93%, 69%
XYZ	11.8123, 5.4092, 40.9789
YIQ	53.5940, -7.8980, 66.0700

Conversions

Conversions Part 2

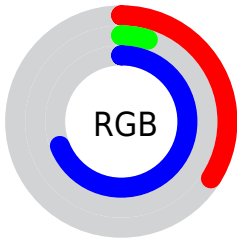
Format	Color
R _Y B	87, 13, 175
Decimal	5705135
CIE Lab	27.87, 60.42, -68.76
CIE LCh	28, 91.536, 311.307
Yxy	5.4092, 0.2030, 0.0929
Android (android.graphics.Color)	4283895215 (0xFF570DAF)
YUV	53.5940, 59.8532, 29.2971
Hunter-Lab	23.2578, 49.9564, -88.1855

Details

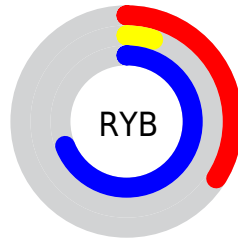
The Hex color **570DAF** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **65AF0D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9249E8**, and **0C0079** is the 20% darker color. If you saturate the color by 10%, you get **5000AF**, and if you desaturate by 10%, it is **611FAF**.

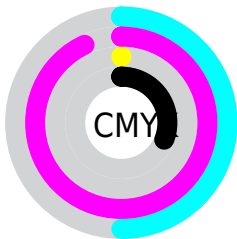
Distribution



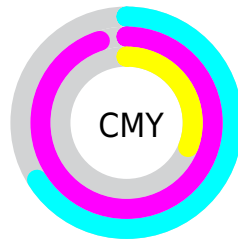
- Red (34%)
- Green (5%)
- Blue (69%)



- Red (34%)
- Yellow (5%)
- Blue (69%)



- Cyan (50%)
- Magenta (93%)
- Yellow (0%)
- Black (31%)



- Cyan (66%)
- Magenta (95%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 570DAF 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 570DAF by changing the saturation by 10% instead.

570DAF

570DAF

FFFFFF

380094

9249E8

0C0079

AF64FF

00005F

CD7FFF

000246

EB9AFF

00042F

FFB6FF

000119

FFD2FF

000000

FFEFFF

570DAF

570DAF

■ 5000AF

■ 611FAF

■ 6A30AF

■ 7442AF

■ 7D53AF

■ 8765AF

■ 9076AF

■ 9A88AF

■ A399AF

■ ADABAF

Harmonies

Analogous

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



0046D2



570DAF



A10071

Triad

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



570DAF



742C00



00595C

Complementary

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



570DAF



65AF0D

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.



00560C



570DAF



394800

Square

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



570DAF



9D0000



005300



005AA0

Rectangle

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



570DAF



B00043



005300



005843

Sweetspot

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



570DAF



C0A3E3



0D66AF



5E4C73



F2F2F2



737373

Same Dimension

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



570DAF



6800E3



A70DAF



524E57



450096



0A0017

Inverse Universe

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



AF0D65



E3007B



15AF0D



574E53



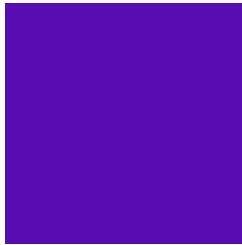
960052



17000C

Previews

White Background



This preview shows how the Hex color 570DAF 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

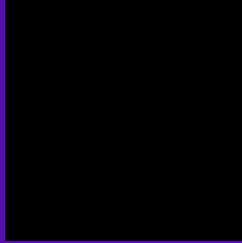
Any Text WCAG AA × Fail

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 570DAF Background



This preview shows how black text looks on a background with the Hex color 570DAF.



This preview shows how white text looks on a background with the Hex color 570DAF.

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
570DAF

Protanopia
004189

Deuteranopia
004575



Tritanopia
3A454A

Trichromacy



Original Color
570DAF

Protanomaly
202E97

Deuteranomaly
20318A

Tritanomaly
45316F

Monochromacy



Original Color
570DAF

Achromatopsia
363636

Achromatomaly
422762

CSS Examples

Text

The CSS property to change the color of the text to Hex 570DAF 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 #570DAF looks like.

```
.text, #text, p{  
    color:#570DAF  
}
```

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 #570DAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570DAF
}
```

Border

The CSS property to change the border of an element to Hex 570DAF 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
#570DAF }
```

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

```
.border{ border-color:#570DAF }
```

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

Here you see how a box with a 4 pixel #570DAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570DAF; -webkit-box-shadow:4px 4px  
4px 4px #570DAF; box-shadow:4px 4px 4px  
4px #570DAF }
```

Background

The CSS property to change the background color of an element to Hex 570DAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570DAF }
```

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

```
.background{ background-color:#570DAF }
```

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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