

Converting Colors

Hex(570CEB)

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

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Color

Hex(570CEB)

Conversions

Conversions Part 1

Format	Color
Hex	570CEB
RGB	87, 12, 235
RGB Percent	34%, 5%, 92%
CMY	0.6588, 0.9529, 0.0784
CMYK	0.63, 0.95, 0.00, 0.08
HSL	260°, 90%, 48%
HSV	260°, 95%, 92%
XYZ	19.0573, 8.2873, 79.1924
YIQ	59.8470, -26.8830, 85.2530

Conversions

Conversions Part 2

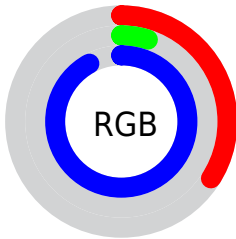
Format	Color
R_{YB}	87, 12, 235
Decimal	5704939
CIE Lab	34.57, 74.65, -92.66
CIE LCh	35, 118.996, 308.857
Yxy	8.2873, 0.1789, 0.0778
Android (android.graphics.Color)	4283895019 (0xFF570CEB)
YUV	59.8470, 86.3504, 23.8132
Hunter-Lab	28.7877, 67.7876, -142.9500

Details

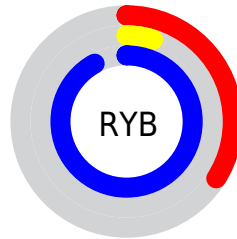
The Hex color **570CEB** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **A0EB0C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9A4FFF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **4F00EB**, and if you desaturate by 10%, it is **6723EB**.

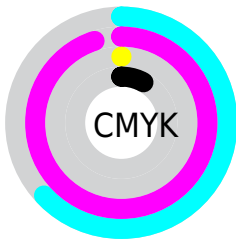
Distribution



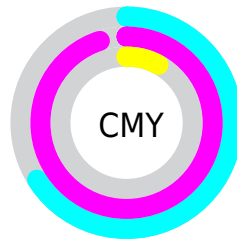
- Red (34%)
- Green (5%)
- Blue (92%)



- Red (34%)
- Yellow (5%)
- Blue (92%)



- Cyan (63%)
- Magenta (95%)
- Yellow (0%)
- Black (8%)



- Cyan (66%)
- Magenta (95%)
- Yellow (8%)

Brightness & Saturation Gradients

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

570CEB

570CEB

FFFFFF

2C00CE

9A4FFF

0000B1

BA6AFF

000096

DA86FF

00007B

FAA2FF

000961

FFBFFF

000848

FFDCFF

000430

FFF9FF

00011A

000000

■ 570CEB

■ 570CEB

■ 4F00EB

■ 6723EB

■ 763BEB

■ 8652EB

■ 956AEB

■ A582EB

■ B599EB

■ C4B1EB

■ D4C8EB

■ E3DFEB

Harmonies

Analogous

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



005CFF



570CEB



CB0098

Triad

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



570CEB



972B00



006E6D

Complementary

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



570CEB



A0E0C

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.



006B00



570CEB



4A5800

Square

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



570CEB



CD0000



006600



0071CA

Rectangle

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



570CEB



E3005A



006600



006D4B

Sweetspot

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



570CEB



D0B8FF



0CA1EB



635480



000000



808080

Same Dimension

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



570CEB



5600FF



C60CEB



6E6A75



3D00B5



120036

Inverse Universe

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



EB0CA0



FF00A9



31EB0C



756A71



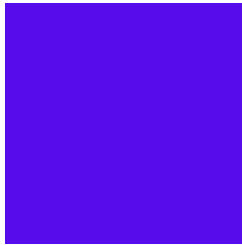
B50078



360024

Previews

White Background



This preview shows how the Hex color 570CEB looks on a white background.

Color Contrast Check

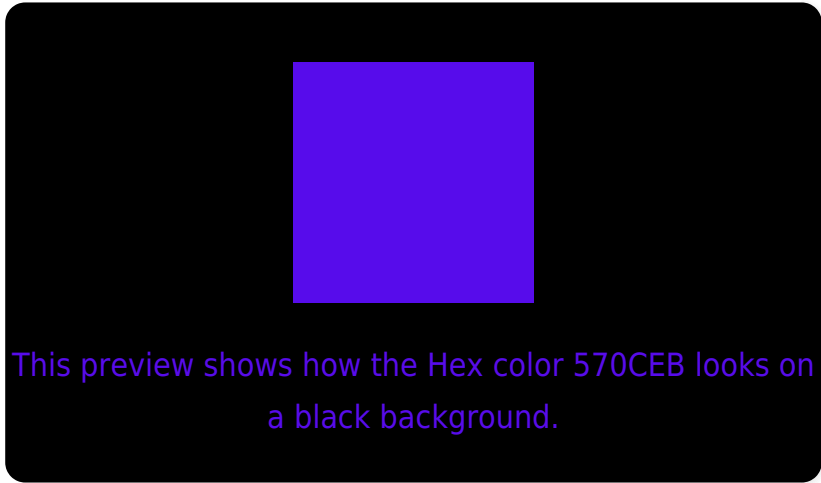
Large Text (above 18pt) WCAG AA ✓ Pass

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

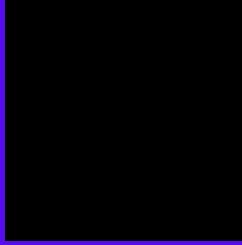
Any Text WCAG AA × Fail

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 570CEB Background



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

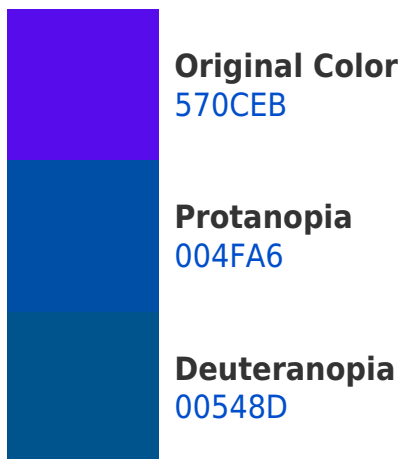


This preview shows how white text looks on a background with the Hex color 570CEB.

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
005B62

Trichromacy



Original Color
570CEB

Protanomaly
2037BF

Deuteranomaly
203AAF

Tritanomaly
203E94

Monochromacy



Original Color
570CEB

Achromatopsia
3C3C3C

Achromatomaly
462B7C

CSS Examples

Text

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

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

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 #570CEB colored shadow looks like.

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

Border

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

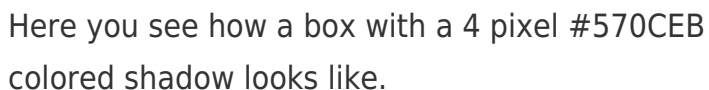
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#570CEB }
```

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

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

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



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

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

Background

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

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

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

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

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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