

Converting Colors

Hex(5B56DA)

Have a look what the booklet for
Hex(5B56DA) contains.

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Color

Hex(5B56DA)

Conversions

Conversions Part 1

Format	Color
Hex	5B56DA
RGB	91, 86, 218
RGB Percent	36%, 34%, 85%
CMY	0.6431, 0.6627, 0.1451
CMYK	0.58, 0.61, 0.00, 0.15
HSL	242°, 64%, 60%
HSV	242°, 61%, 85%
XYZ	20.2971, 13.9417, 67.9509
YIQ	102.5430, -39.3920, 42.1120

Conversions

Conversions Part 2

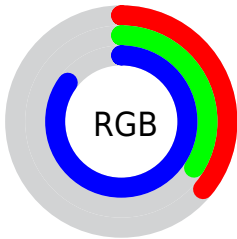
Format	Color
R_{YB}	91, 86, 218
Decimal	5986010
CIE _{Lab}	44.15, 39.60, -67.21
CIE _{LCh}	44, 78.005, 300.505
Yxy	13.9417, 0.1986, 0.1364
Android (android.graphics.Color)	4284176090 (0xFF5B56DA)
YUV	102.5430, 56.9203, -10.1232
Hunter-Lab	37.3386, 31.6893, -81.7624

Details

The Hex color **5B56DA** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **D5DA56**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9888FF**, and **0328A2** is the 20% darker color. If you saturate the color by 10%, you get **4640DA**, and if you desaturate by 10%, it is **706CDA**.

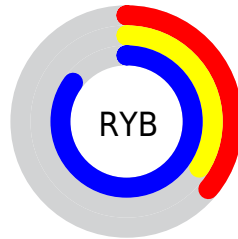
Distribution



Red (36%)

Green (34%)

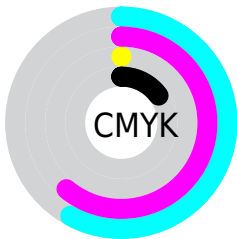
Blue (85%)



Red (36%)

Yellow (34%)

Blue (85%)

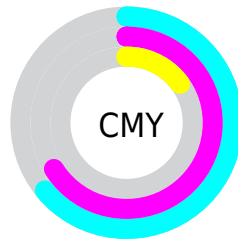


Cyan (58%)

Magenta (61%)

Yellow (0%)

Black (15%)



Cyan (64%)

Magenta (66%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B56DA 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 5B56DA by changing the saturation by 10% instead.

■ 5B56DA

■ 5B56DA

FFFFFF

■ 3A3EBE

■ 9888FF

■ 0328A2

■ B5A3FF

■ 001387

■ D3BEFF

■ 00006D

■ F2DAFF

■ 000054

■ FFF6FF

■ 00063B

■ 000225

■ 00010D

■ 000000

■ 5B56DA

■ 5B56DA

■ 4640DA

■ 706CDA

■ 312ADA

■ 8582DA

■ 1C15DA

■ 9A97DA

■ 0800DA

■ AFADDA

■ C4C3DA

■ D9D9DA

■ EEEFDA

■ FFFFDA

Harmonies

Analogous

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



0071EC



5B56DA



B426A9

Triad

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



5B56DA



B04900



008268

Complementary

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



5B56DA



D5DA56

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.



007F20



5B56DA



7F6600

Square

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



5B56DA



CF132B



3B7700



0083A9

Rectangle

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



5B56DA



CE0080



3B7700



008151

Sweetspot

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



5B56DA



D3D1FF



56D6DA



656380



000000



808080

Same Dimension

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



5B56DA



4C45FF



9C56DA



63636E



0700AD



02002E

Inverse Universe

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



DA56D5



FF45F8



94DA56



6E636D



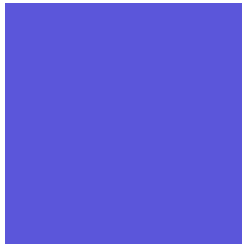
AD00A7



2E002C

Previews

White Background



This preview shows how the Hex color 5B56DA looks on a white background.

Color Contrast Check

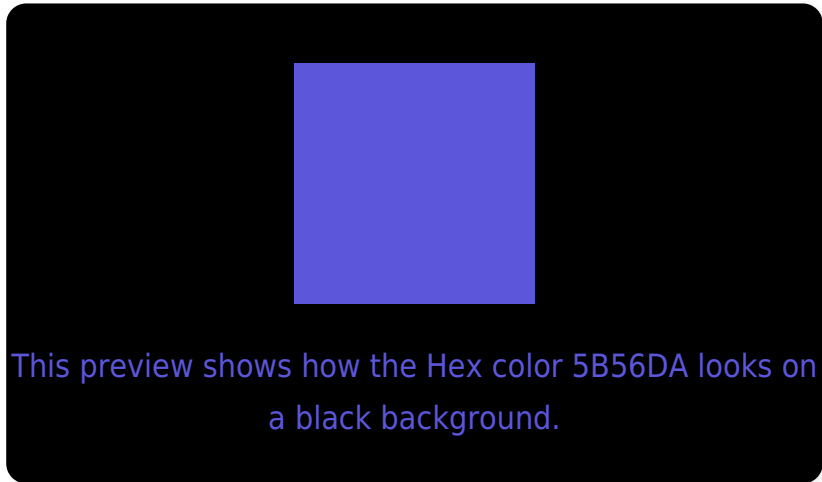
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

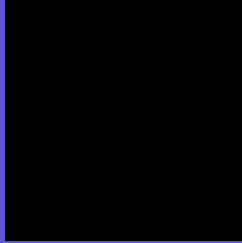
Any Text WCAG AA × Fail

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 5B56DA Background



This preview shows how black text looks on a background with the Hex color 5B56DA.

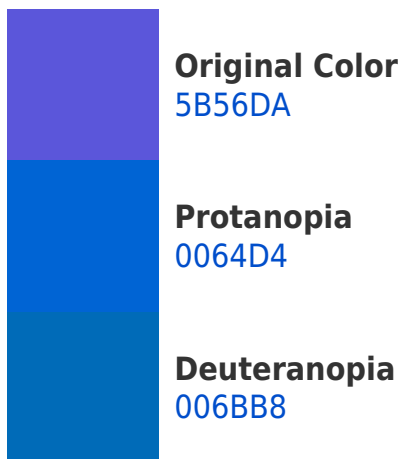


This preview shows how white text looks on a background with the Hex color 5B56DA.

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](#).

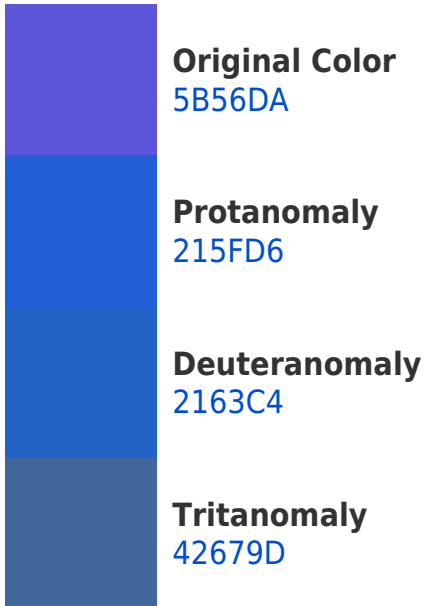
Dichromacy



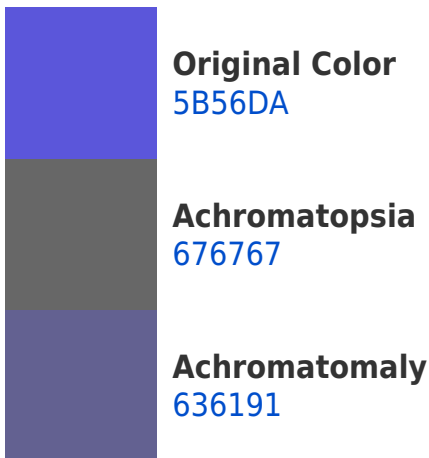


Tritanopia
33717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B56DA 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 #5B56DA looks like.

```
.text, #text, p{  
    color:#5B56DA  
}
```

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 #5B56DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B56DA
}
```

Border

The CSS property to change the border of an element to Hex 5B56DA 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
#5B56DA }
```

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

```
.border{ border-color:#5B56DA }
```

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

Here you see how a box with a 4 pixel #5B56DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B56DA; -webkit-box-shadow:4px 4px  
4px 4px #5B56DA; box-shadow:4px 4px 4px  
4px #5B56DA }
```

Background

The CSS property to change the background color of an element to Hex 5B56DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B56DA }
```

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

```
.background{ background-color:#5B56DA }
```

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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