

Converting Colors

Hex(5D62EA)

Have a look what the booklet for
Hex(5D62EA) contains.

Hex(5D62EA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D62EA)

Conversions

Conversions Part 1

Format	Color
Hex	5D62EA
RGB	93, 98, 234
RGB Percent	36%, 38%, 92%
CMY	0.6353, 0.6157, 0.0824
CMYK	0.60, 0.58, 0.00, 0.08
HSL	238°, 77%, 64%
HSV	238°, 60%, 92%
XYZ	23.7332, 17.0030, 79.8729
YIQ	112.0090, -46.6360, 41.2360

Conversions

Conversions Part 2

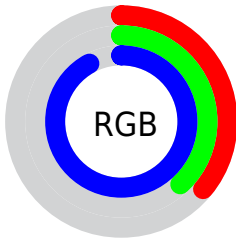
Format	Color
RYB	93, 98, 234
Decimal	6120170
CIELab	48.26, 37.85, -69.58
CIELCh	48, 79.207, 298.550
Yxy	17.0030, 0.1968, 0.1410
Android (android.graphics.Color)	4284310250 (0xFF5D62EA)
YUV	112.0090, 60.1416, -16.6709
Hunter-Lab	41.2347, 30.5771, -85.9822

Details

The Hex color **5D62EA** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **EAE55D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9B95FF**, and **0033B1** is the 20% darker color. If you saturate the color by 10%, you get **464BEA**, and if you desaturate by 10%, it is **7479EA**.

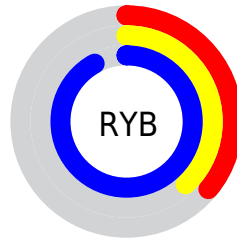
Distribution



Red (36%)

Green (38%)

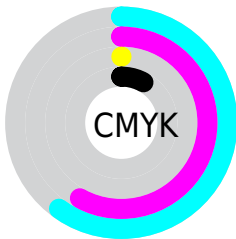
Blue (92%)



Red (36%)

Yellow (38%)

Blue (92%)

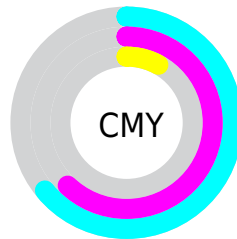


Cyan (60%)

Magenta (58%)

Yellow (0%)

Black (8%)



Cyan (64%)

Magenta (62%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D62EA 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 5D62EA by changing the saturation by 10% instead.

 5D62EA

 5D62EA

FFFFFF

 3A4ACD

 9B95FF

 0033B1

 B9B0FF

 001E96

 D7CBFF

 000C7B

 F6E7FF

 000061

 000848

 000431

 00011B

 000000

■ 5D62EA

■ 5D62EA

■ 464BEA

■ 7479EA

■ 2E35EA

■ 8C8FEA

■ 171EEA

■ A3A6EA

■ 0008EA

■ BBBCEA

■ D2D3EA

■ E9E9EA

■ FFFFEA

Harmonies

Analogous

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



007DFB



5D62EA



BD36BA

Triad

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



5D62EA



C05100



008E6D

Complementary

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



5D62EA



EAE55D

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.



008A24



5D62EA



8E6F00

Square

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



5D62EA



DF2037



4B8100



008EB1

Rectangle

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



5D62EA



DA068F



4B8100



008D56

Sweetspot

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



5D62EA



D1D3FF



5DEAE3



636480



000000



808080

Same Dimension

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



5D62EA



474EFF



9C5DEA



6A6A75



0006B5



000236

Inverse Universe

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



EA5D62



FF474E



ABEA5D



756A6A



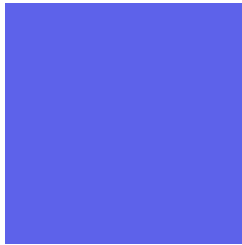
B50006



360002

Previews

White Background



This preview shows how the Hex color 5D62EA 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

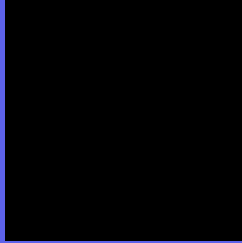
Any Text WCAG AA × Fail

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 5D62EA Background



This preview shows how black text looks on a background with the Hex color 5D62EA.



This preview shows how white text looks on a background with the Hex color 5D62EA.

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
5D62EA

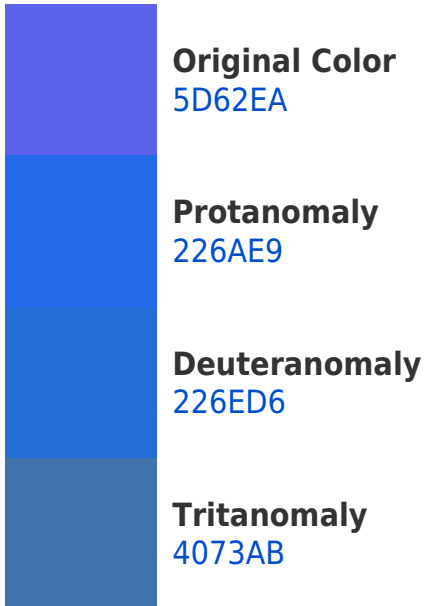
Protanopia
006EE9

Deuteranopia
0075CA



Tritanopia
2F7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D62EA 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 #5D62EA looks like.

```
.text, #text, p{  
    color:#5D62EA  
}
```

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 #5D62EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D62EA
}
```

Border

The CSS property to change the border of an element to Hex 5D62EA 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
#5D62EA }
```

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

```
.border{ border-color:#5D62EA }
```

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

Here you see how a box with a 4 pixel #5D62EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D62EA; -webkit-box-shadow:4px 4px  
4px 4px #5D62EA; box-shadow:4px 4px 4px  
4px #5D62EA }
```

Background

The CSS property to change the background color of an element to Hex 5D62EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D62EA }
```

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

```
.background{ background-color:#5D62EA }
```

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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