

# Converting Colors

Hex(5273EC)

Have a look what the booklet for  
Hex(5273EC) contains.

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# Color

Hex(5273EC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5273EC
RGB	82, 115, 236
RGB Percent	32%, 45%, 93%
CMY	0.6784, 0.5490, 0.0745
CMYK	0.65, 0.51, 0.00, 0.07
HSL	227°, 80%, 62%
HSV	227°, 65%, 93%
XYZ	24.7507, 20.1114, 81.9343
YIQ	118.9270, -58.5090, 30.6350

# Conversions

## Conversions Part 2

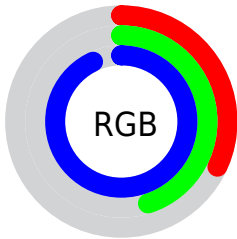
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 109, 236
Decimal	5403628
CIE Lab	51.96, 26.35, -64.74
CIE LCh	52, 69.892, 292.146
Yxy	20.1114, 0.1952, 0.1586
Android (android.graphics.Color)	4283593708 (0xFF5273EC)
YUV	118.9270, 57.7170, -32.3850
Hunter-Lab	44.8458, 20.0354, -76.9322

# Details

The Hex color **5273EC** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **ECCB52**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **91A7FF**, and **0044B3** is the 20% darker color. If you saturate the color by 10%, you get **3A60EC**, and if you desaturate by 10%, it is **6A86EC**.

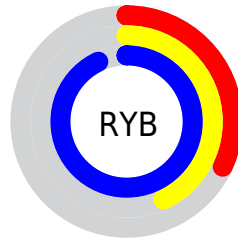
# Distribution



Red (32%)

Green (45%)

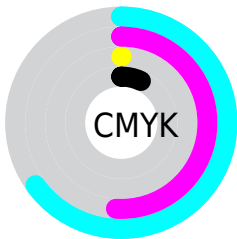
Blue (93%)



Red (32%)

Yellow (43%)

Blue (93%)

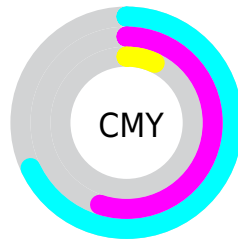


Cyan (65%)

Magenta (51%)

Yellow (0%)

Black (7%)



Cyan (68%)

Magenta (55%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5273EC 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 5273EC by changing the saturation by 10% instead.



■ 5273EC

■ 5273EC

FFFFFF

■ 2B5BCF

■ 91A7FF

■ 0044B3

■ B0C2FF

■ 002E98

■ CEDDFF

■ 001B7D

■ EDFAFF

■ 000364

■ 00094B

■ 000433

■ 00021D

■ 000000

■ 5273EC

■ 5273EC

■ 3A60EC

■ 6A86EC

■ 234EEC

■ 8198EC

■ 0B3BEC

■ 99ABEC

■ 0033EC

■ B0BDEC

■ C8D0EC

■ E0E2EC

■ F7F5EC

■ FFFFEC

# Harmonies

## Analogous

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



0088F4



5273EC



B354C6

# Triad

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



5273EC



CD5918



00956A

# Complementary

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



5273EC



ECCB52

# 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.



00902A



5273EC



A37400

# Square

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



5273EC



E33B53



6B8600



0096A8

# Rectangle

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



5273EC



D33FA2



6B8600



009455



# Sweetspot

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



5273EC



CCD7FF



52ECCB



616780



000000



808080



# Same Dimension

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



5273EC



3863FF



7E52EC



6A6C75



0027B5



000B36



# Inverse Universe

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



EC5273



FF3863



C0EC52



756A6C



B50027

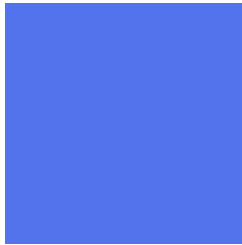


36000B



# Previews

## White Background



This preview shows how the Hex color 5273EC looks on a white background.

## Color Contrast Check

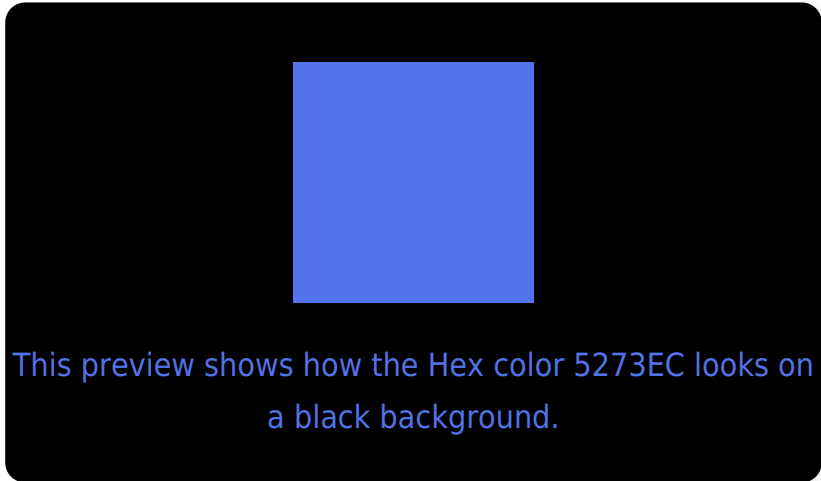
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

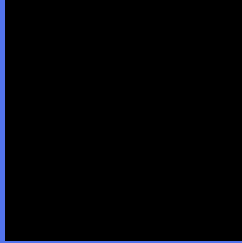
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5273EC Background



This preview shows how black text looks on a background with the Hex color 5273EC.



This preview shows how white text looks on a background with the Hex color 5273EC.

# 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](#).

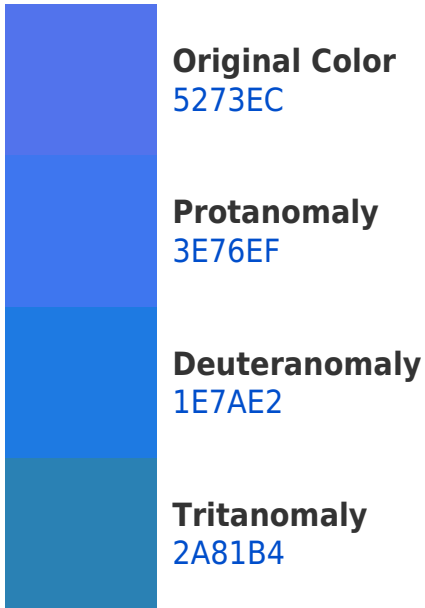
## Dichromacy





**Tritanopia**  
138994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5273EC 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 #5273EC looks like.

```
.text, #text, p{  
    color:#5273EC  
}
```

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 #5273EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5273EC
}
```

## Border

The CSS property to change the border of an element to Hex 5273EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

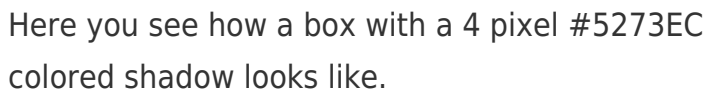
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5273EC }
```

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

```
.border{ border-color:#5273EC }
```

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



Here you see how a box with a 4 pixel #5273EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5273EC; -webkit-box-shadow:4px 4px  
4px 4px #5273EC; box-shadow:4px 4px 4px  
4px #5273EC }
```

# Background

The CSS property to change the background color of an element to Hex 5273EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5273EC }
```

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

```
.background{ background-color:#5273EC }
```

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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