

Converting Colors

Hex(5248E9)

Have a look what the booklet for
Hex(5248E9) contains.

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Color

Hex(5248E9)

Conversions

Conversions Part 1

Format	Color
Hex	5248E9
RGB	82, 72, 233
RGB Percent	32%, 28%, 91%
CMY	0.6784, 0.7176, 0.0863
CMYK	0.65, 0.69, 0.00, 0.09
HSL	244°, 79%, 60%
HSV	244°, 69%, 91%
XYZ	20.5050, 12.3118, 78.3865
YIQ	93.3440, -45.7210, 52.1910

Conversions

Conversions Part 2

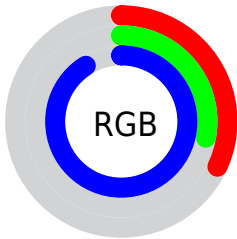
Format	Color
R _Y B	82, 72, 233
Decimal	5392617
CIE Lab	41.71, 51.14, -79.75
CIE LCh	42, 94.741, 302.668
Yxy	12.3118, 0.1844, 0.1107
Android (android.graphics.Color)	4283582697 (0xFF5248E9)
YUV	93.3440, 68.8504, -9.9487
Hunter-Lab	35.0881, 42.9088, -107.8915

Details

The Hex color **5248E9** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **DFE948**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **937AFF**, and **0019B0** is the 20% darker color. If you saturate the color by 10%, you get **3C31E9**, and if you desaturate by 10%, it is **685FE9**.

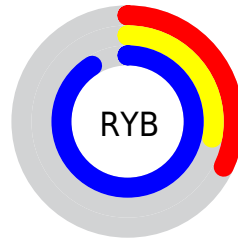
Distribution



Red (32%)

Green (28%)

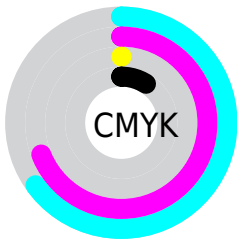
Blue (91%)



Red (32%)

Yellow (28%)

Blue (91%)

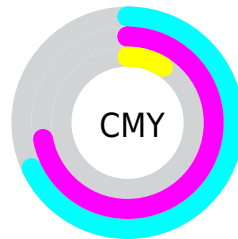


Cyan (65%)

Magenta (69%)

Yellow (0%)

Black (9%)



Cyan (68%)

Magenta (72%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5248E9 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 5248E9 by changing the saturation by 10% instead.

 5248E9

 5248E9

FFFFFF

 2830CC

 937AFF

 0019B0

 B294FF

 000294

 D1AFFF

 00007A

 F0CBFF

 000360

 FFE8FF

 000847

 00042F

 00011A

 000000

■ 5248E9

■ 5248E9

■ 3C31E9

■ 685FE9

■ 2619E9

■ 7E77E9

■ 1002E9

■ 948EE9

■ 0E00E9

■ A9A5E9

■ BFBDE9

■ D5D4E9

■ EBEBE9

■ FFFFE9

Harmonies

Analogous

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



006DFF



5248E9



BF00AC

Triad

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



5248E9



AE3D00



007E68

Complementary

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



5248E9



DFE948

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.



007B07



5248E9



736300

Square

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



5248E9



D70012



037400



0080B6

Rectangle

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



5248E9



DB0079



037400



007E4C

Sweetspot

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



5248E9



CDC9FF



48E1E9



626080



000000



808080

Same Dimension

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



5248E9



382BFF



A148E9



6A6A75



0B00B5



030036

Inverse Universe

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



E948DF



FF2BF2



90E948



756A75



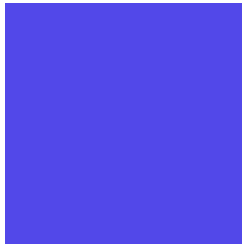
B500AA



360032

Previews

White Background



This preview shows how the Hex color 5248E9 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 5248E9 Background



This preview shows how black text looks on a background with the Hex color 5248E9.

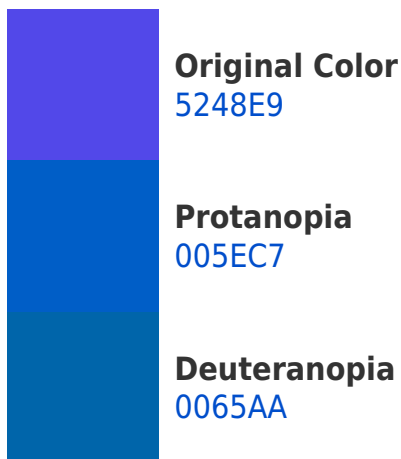


This preview shows how white text looks on a background with the Hex color 5248E9.

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](#).

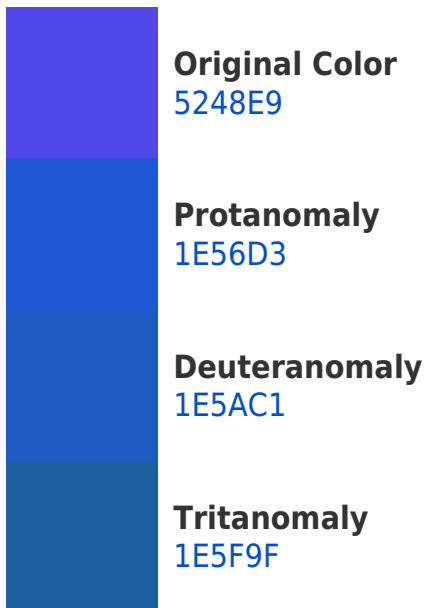
Dichromacy



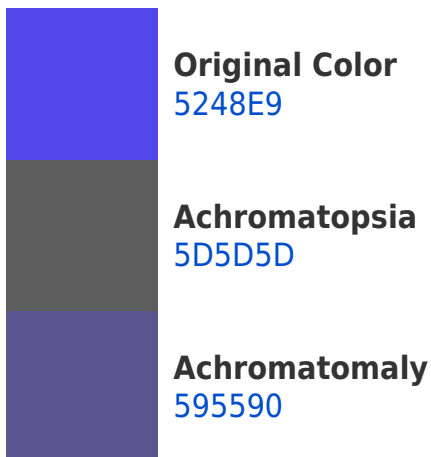


Tritanopia
006C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5248E9 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 #5248E9 looks like.

```
.text, #text, p{  
    color:#5248E9  
}
```

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 #5248E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5248E9
}
```

Border

The CSS property to change the border of an element to Hex 5248E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

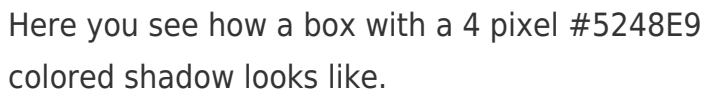
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5248E9 }
```

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

```
.border{ border-color:#5248E9 }
```

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



Here you see how a box with a 4 pixel #5248E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5248E9; -webkit-box-shadow:4px 4px  
4px 4px #5248E9; box-shadow:4px 4px 4px  
4px #5248E9 }
```

Background

The CSS property to change the background color of an element to Hex 5248E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5248E9 }
```

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

```
.background{ background-color:#5248E9 }
```

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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