

Converting Colors

Hex(5744EA)

Have a look what the booklet for
Hex(5744EA) contains.

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Color

Hex(5744EA)

Conversions

Conversions Part 1

Format	Color
Hex	5744EA
RGB	87, 68, 234
RGB Percent	34%, 27%, 92%
CMY	0.6588, 0.7333, 0.0824
CMYK	0.63, 0.71, 0.00, 0.08
HSL	247°, 80%, 59%
HSV	247°, 71%, 92%
XYZ	20.8489, 12.1010, 79.0788
YIQ	92.6050, -41.9620, 55.6540

Conversions

Conversions Part 2

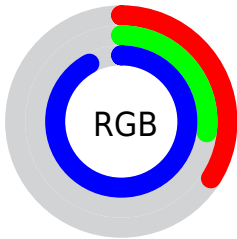
Format	Color
RYB	87, 68, 234
Decimal	5719274
CIELab	41.38, 54.23, -80.85
CIELCh	41, 97.356, 303.853
Yxy	12.1010, 0.1861, 0.1080
Android (android.graphics.Color)	4283909354 (0xFF5744EA)
YUV	92.6050, 69.7077, -4.9156
Hunter-Lab	34.7865, 46.1056, -110.4311

Details

The Hex color **5744EA** 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 **D7EA44**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9876FF**, and **0013B1** is the 20% darker color. If you saturate the color by 10%, you get **422DEA**, and if you desaturate by 10%, it is **6C5BEA**.

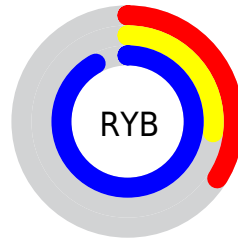
Distribution



Red (34%)

Green (27%)

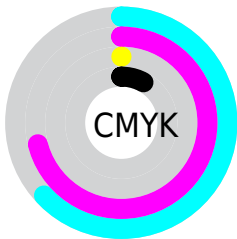
Blue (92%)



Red (34%)

Yellow (27%)

Blue (92%)

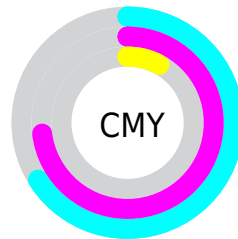


Cyan (63%)

Magenta (71%)

Yellow (0%)

Black (8%)



Cyan (66%)

Magenta (73%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5744EA 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 5744EA by changing the saturation by 10% instead.

 5744EA

 5744EA

FFFFFF

 302CCD

 9876FF

 0013B1

 B791FF

 000095

 D6ACFF

 00007B

 F5C8FF

 000260

 FFE4FF

 000848

 000430

 00011A

 000000

■ 5744EA

■ 5744EA

■ 422DEA

■ 6C5BEA

■ 2E15EA

■ 8073EA

■ 1B00EA

■ 958AEA

■ AAA2EA

■ BFB9EA

■ D3D0EA

■ E8E8EA

■ FDFFEA

■ FFFFEA

Harmonies

Analogous

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



006CFF



5744EA



C300AA

Triad

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



5744EA



AD3D00



007E6A

Complementary

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



5744EA



D7EA44

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.



007B08



5744EA



6F6300

Square

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



5744EA



D7000A



007400



007FBB

Rectangle

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



5744EA



DE0076



007400



007D4E

Sweetspot

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



5744EA



D0C9FF



44D9EA



636080



000000



808080

Same Dimension

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



5744EA



3F26FF



A844EA



6B6A75



1500B5



060036

Inverse Universe

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



EA44D7



FF26E6



86EA44



756A74



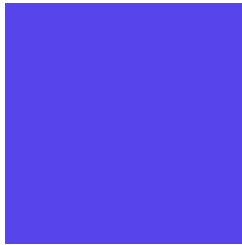
B500A0



36002F

Previews

White Background



This preview shows how the Hex color 5744EA 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

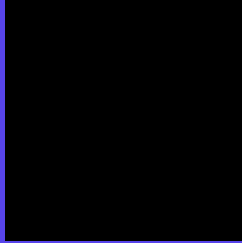
Any Text WCAG AA × Fail

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 5744EA Background



This preview shows how black text looks on a background with the Hex color 5744EA.

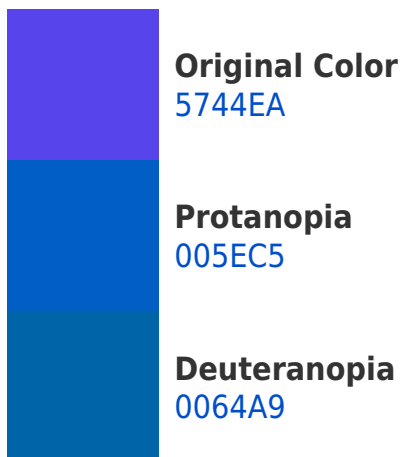


This preview shows how white text looks on a background with the Hex color 5744EA.

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
006C74

Trichromacy



Original Color
5744EA

Protanomaly
2055D2

Deuteranomaly
2058C1

Tritanomaly
205D9F

Monochromacy



Original Color
5744EA

Achromatopsia
5D5D5D

Achromatomaly
5B5490

CSS Examples

Text

The CSS property to change the color of the text to Hex 5744EA 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 #5744EA looks like.

```
.text, #text, p{  
    color:#5744EA  
}
```

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 #5744EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5744EA
}
```

Border

The CSS property to change the border of an element to Hex 5744EA 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
#5744EA }
```

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

```
.border{ border-color:#5744EA }
```

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

Here you see how a box with a 4 pixel #5744EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5744EA; -webkit-box-shadow:4px 4px  
4px 4px #5744EA; box-shadow:4px 4px 4px  
4px #5744EA }
```

Background

The CSS property to change the background color of an element to Hex 5744EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5744EA }
```

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

```
.background{ background-color:#5744EA }
```

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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