

Converting Colors

Hex(5264E2)

Have a look what the booklet for
Hex(5264E2) contains.

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Color

Hex(5264E2)

Conversions

Conversions Part 1

Format	Color
Hex	5264E2
RGB	82, 100, 226
RGB Percent	32%, 39%, 89%
CMY	0.6784, 0.6078, 0.1137
CMYK	0.64, 0.56, 0.00, 0.11
HSL	232°, 71%, 60%
HSV	232°, 64%, 89%
XYZ	21.7643, 16.3992, 73.9698
YIQ	108.9820, -51.1740, 35.3700

Conversions

Conversions Part 2

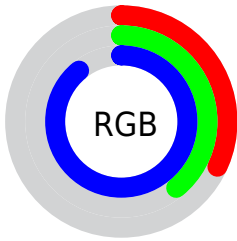
Format	Color
R _Y B	82, 98, 226
Decimal	5399778
CIE Lab	47.49, 32.21, -66.34
CIE LCh	47, 73.752, 295.899
Yxy	16.3992, 0.1941, 0.1462
Android (android.graphics.Color)	4283589858 (0xFF5264E2)
YUV	108.9820, 57.6899, -23.6632
Hunter-Lab	40.4959, 25.0661, -79.9520

Details

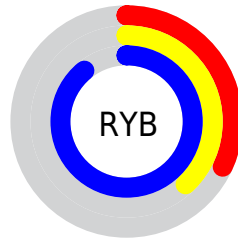
The Hex color **5264E2** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **E2D052**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9197FF**, and **0036AA** is the 20% darker color. If you saturate the color by 10%, you get **3B50E2**, and if you desaturate by 10%, it is **6978E2**.

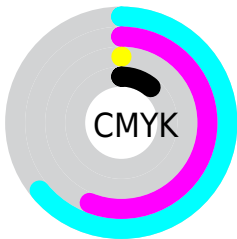
Distribution



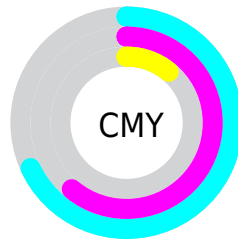
- Red (32%)
- Green (39%)
- Blue (89%)



- Red (32%)
- Yellow (38%)
- Blue (89%)



- Cyan (64%)
- Magenta (56%)
- Yellow (0%)
- Black (11%)



- Cyan (68%)
- Magenta (61%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5264E2 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 5264E2 by changing the saturation by 10% instead.

■ 5264E2

■ 5264E2

FFFFFF

■ 2D4CC5

■ 9197FF

■ 0036AA

■ AFB1FF

■ 00218E

■ CDCDFE

■ 000F74

■ EBE9FF

■ 00005B

■ 000742

■ 00032B

■ 000115

■ 000000

■ 5264E2

■ 5264E2

■ 3B50E2

■ 6978E2

■ 253CE2

■ 7F8CE2

■ 0E29E2

■ 969FE2

■ 001CE2

■ ACB3E2

■ C3C7E2

■ DADBE2

■ F0EEE2

■ FFFFE2

Harmonies

Analogous

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



007BEE



5264E2



B140B7

Triad

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



5264E2



BD4F00



008A66

Complementary

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



5264E2



E2D052

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.



008622



5264E2



906B00

Square

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



5264E2



D8273F



547D00



008BA6

Rectangle

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



5264E2



CF2291



547D00



008950

Sweetspot

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



5264E2



CFD5FF



52E2CF



626680



000000



808080

Same Dimension

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



5264E2



3D55FF



8752E2



656670



0016B0



000630

Inverse Universe

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



E25264



FF3D55



ADE252



706566



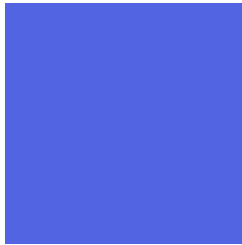
B00016



300006

Previews

White Background



This preview shows how the Hex color 5264E2 looks on a white background.

Color Contrast Check

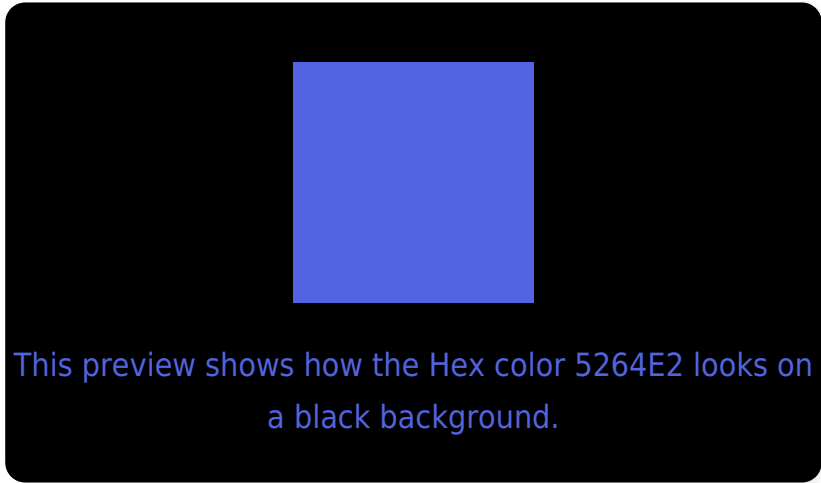
Large Text (above 18pt) WCAG AA ✓ Pass

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

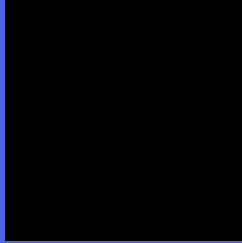
Any Text WCAG AA × Fail

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 5264E2 Background



This preview shows how black text looks on a background with the Hex color 5264E2.



This preview shows how white text looks on a background with the Hex color 5264E2.

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



Trichromacy



Original Color
5264E2

Protanomaly
1E69E5

Tritanomaly
2E73A7

Monochromacy



Original Color
5264E2

Achromatopsia
6D6D6D

Achromatomaly
636A98

CSS Examples

Text

The CSS property to change the color of the text to Hex 5264E2 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 #5264E2 looks like.

```
.text, #text, p{  
    color:#5264E2  
}
```

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 #5264E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5264E2
}
```

Border

The CSS property to change the border of an element to Hex 5264E2 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
#5264E2 }
```

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

```
.border{ border-color:#5264E2 }
```

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

Here you see how a box with a 4 pixel #5264E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5264E2; -webkit-box-shadow:4px 4px  
4px 4px #5264E2; box-shadow:4px 4px 4px  
4px #5264E2 }
```

Background

The CSS property to change the background color of an element to Hex 5264E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5264E2 }
```

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

```
.background{ background-color:#5264E2 }
```

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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