

Converting Colors

Hex(527CE5)

Have a look what the booklet for
Hex(527CE5) contains.

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Color

Hex(527CE5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 527CE5 |
| RGB | 82, 124, 229 |
| RGB Percent | 32%, 49%, 90% |
| CMY | 0.6784, 0.5137, 0.1020 |
| CMYK | 0.64, 0.46, 0.00, 0.10 |
| HSL | 223°, 74%, 61% |
| HSV | 223°, 64%, 90% |
| XYZ | 24.8302, 21.8663, 77.0407 |
| YIQ | 123.4120, -58.7370, 23.7510 |

Conversions

Conversions Part 2

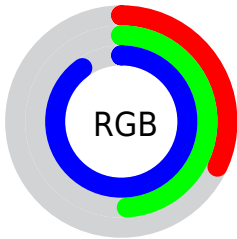
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 82, 115, 229 |
| Decimal | 5405925 |
| CIE Lab | 53.88, 18.40, -57.73 |
| CIE LCh | 54, 60.589, 287.683 |
| Yxy | 21.8663, 0.2007, 0.1767 |
| Android (android.graphics.Color) | 4283596005 (0xFF527CE5) |
| YUV | 123.4120, 52.0549, -36.3183 |
| Hunter-Lab | 46.7614, 12.9506, -64.9489 |

Details

The Hex color **527CE5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E5BB52**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **90B0FF**, and **004CAD** is the 20% darker color. If you saturate the color by 10%, you get **3B6CE5**, and if you desaturate by 10%, it is **698CE5**.

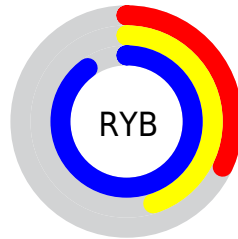
Distribution



Red (32%)

Green (49%)

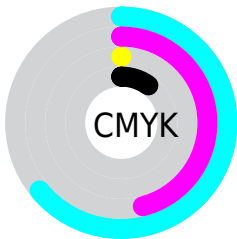
Blue (90%)



Red (32%)

Yellow (45%)

Blue (90%)

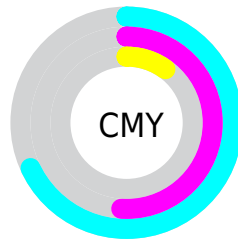


Cyan (64%)

Magenta (46%)

Yellow (0%)

Black (10%)



Cyan (68%)

Magenta (51%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 527CE5 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 527CE5 by changing the saturation by 10% instead.

■ 527CE5

■ 527CE5

FFFFFF

■ 2D63C9

■ 90B0FF

■ 004CAD

■ AECBFF

■ 003692

■ CCE7FF

■ 002277

■ EAFFFF

■ 000D5E

■ 000845

■ 00042E

■ 000118

■ 000000

■ 527CE5

■ 527CE5

■ 3B6CE5

■ 698CE5

■ 245BE5

■ 809DE5

■ 0D4BE5

■ 97ADE5

■ 0041E5

■ AEBDE5

■ C5CEE5

■ DBDEE5

■ F2EFE5

■ FFFFE5

Harmonies

Analogous

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



008DE7



527CE5



AA64C8

Triad

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



527CE5



CE6034



009869

Complementary

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



527CE5



E5BB52

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.



3C9235



527CE5



AC7705

Square

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



527CE5



DE4E64



7D8802



00999F

Rectangle

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



527CE5



C955AA



7D8802



009657

Sweetspot

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



527CE5



CFDCFF



52E5B9



626B80



000000



808080

Same Dimension

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



527CE5



3B73FF



6F52E5



676B73



0033B3



000F33

Inverse Universe

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



E5527C



FF3B73



C8E552



73676B



B30033



33000F

Previews

White Background



This preview shows how the Hex color 527CE5 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



This preview shows how the Hex color 527CE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

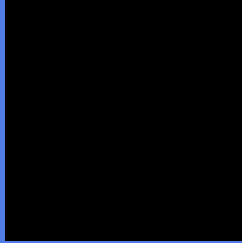
Any Text WCAG AA ✓ Pass

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 527CE5 Background



This preview shows how black text looks on a background with the Hex color 527CE5.



This preview shows how white text looks on a background with the Hex color 527CE5.

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](#).

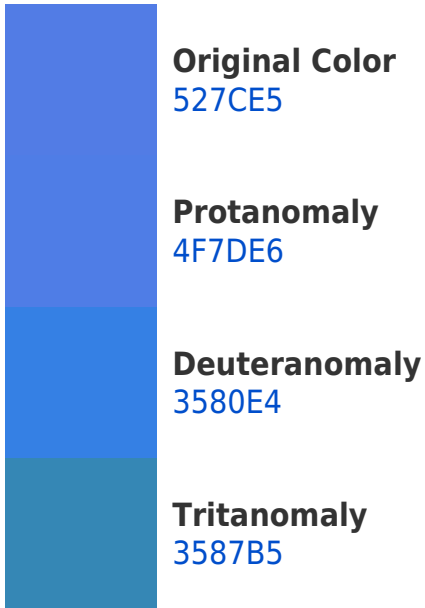
Dichromacy



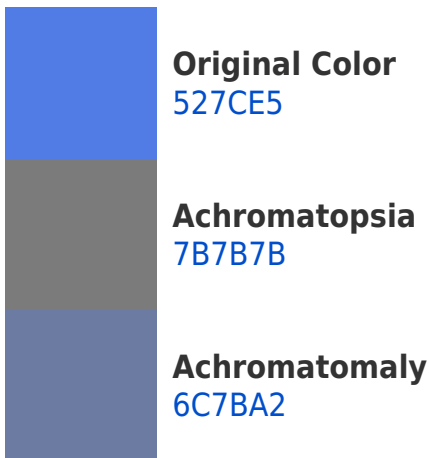


Tritanopia
258D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 527CE5 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 #527CE5 looks like.

```
.text, #text, p{  
    color:#527CE5  
}
```

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 #527CE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527CE5
}
```

Border

The CSS property to change the border of an element to Hex 527CE5 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
#527CE5 }
```

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

```
.border{ border-color:#527CE5 }
```

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

Here you see how a box with a 4 pixel #527CE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527CE5; -webkit-box-shadow:4px 4px  
4px 4px #527CE5; box-shadow:4px 4px 4px  
4px #527CE5 }
```

Background

The CSS property to change the background color of an element to Hex 527CE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527CE5 }
```

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

```
.background{ background-color:#527CE5 }
```

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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