

Converting Colors

Hex(566EC4)

Have a look what the booklet for
Hex(566EC4) contains.

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Color

Hex(566EC4)

Conversions

Conversions Part 1

Format	Color
Hex	566EC4
RGB	86, 110, 196
RGB Percent	34%, 43%, 77%
CMY	0.6627, 0.5686, 0.2314
CMYK	0.56, 0.44, 0.00, 0.23
HSL	227°, 48%, 55%
HSV	227°, 56%, 77%
XYZ	19.3775, 17.1158, 54.5069
YIQ	112.6280, -41.9100, 21.6580

Conversions

Conversions Part 2

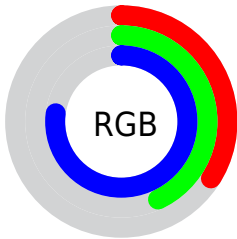
Format	Color
R _Y B	86, 106, 196
Decimal	5664452
CIE Lab	48.41, 16.67, -47.76
CIE LCh	48, 50.584, 289.237
Yxy	17.1158, 0.2129, 0.1881
Android (android.graphics.Color)	4283854532 (0xFF566EC4)
YUV	112.6280, 41.1024, -23.3528
Hunter-Lab	41.3713, 11.2062, -49.1551

Details

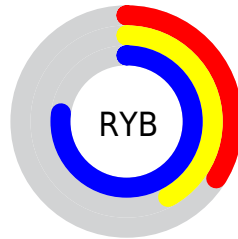
The Hex color **566EC4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C4AC56**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8FA1FD**, and **103F8E** is the 20% darker color. If you saturate the color by 10%, you get **425FC4**, and if you desaturate by 10%, it is **6A7DC4**.

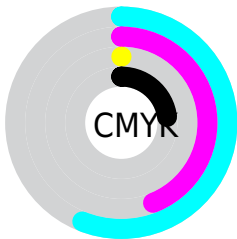
Distribution



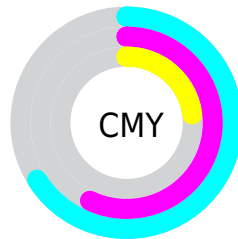
- Red (34%)
- Green (43%)
- Blue (77%)



- Red (34%)
- Yellow (42%)
- Blue (77%)



- Cyan (56%)
- Magenta (44%)
- Yellow (0%)
- Black (23%)



- Cyan (66%)
- Magenta (57%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566EC4 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 566EC4 by changing the saturation by 10% instead.

■ 566EC4

■ 566EC4

FFFFFF

■ 3856A8

■ 8FA1FD

■ 103F8E

■ ACBCFF

■ 002A74

■ C9D8FF

■ 00165A

■ E6F4FF

■ 000042

■ 00032B

■ 000116

■ 000000

■ 566EC4

■ 566EC4

■ 425FC4

■ 6A7DC4

■ 2F4FC4

■ 7D8DC4

■ 1B40C4

■ 919CC4

■ 0831C4

■ A4ABC4

■ 002BC4

■ B8BBC4

■ CCCAC4

■ DFD9C4

■ F3E9C4

■ FFF8C4

Harmonies

Analogous

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



007CC7



566EC4



975BAB

Triad

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



566EC4



B35A33



008662

Complementary

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



566EC4



C4AC56

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.



3A8238



566EC4



966B17

Square

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



566EC4



C04C59



6F7918



00878E

Rectangle

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



566EC4



B05092



6F7918



008553

Sweetspot

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



566EC4



D4DDFF



56C4AA



666C80



000000



808080

Same Dimension

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



566EC4



5479FF



7356C4



575961



0023A1



000721

Inverse Universe

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



C4566E



FF5479



A7C456



615759



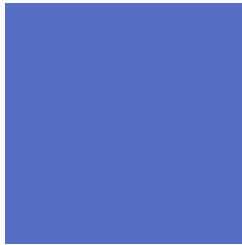
A10023



210007

Previews

White Background



This preview shows how the Hex color 566EC4 looks on a white background.

Color Contrast Check

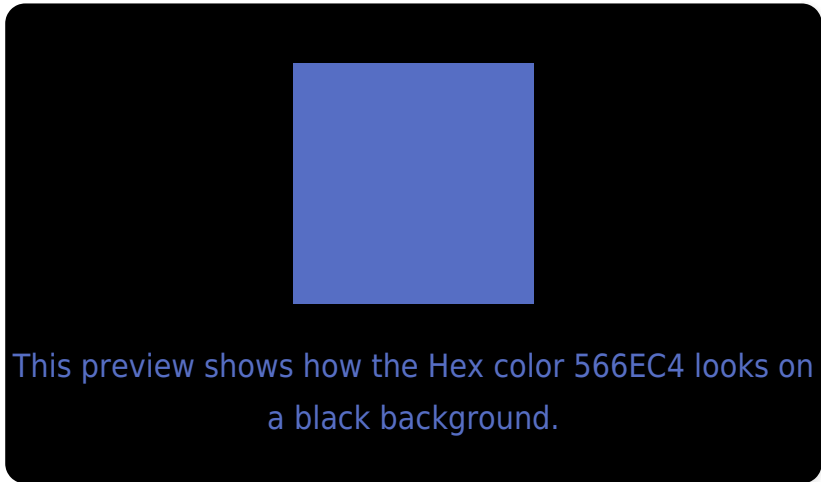
Large Text (above 18pt) WCAG AA ✓ Pass

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

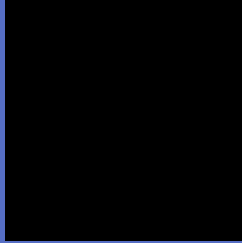
Any Text WCAG AA × Fail

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 566EC4 Background



This preview shows how black text looks on a background with the Hex color 566EC4.



This preview shows how white text looks on a background with the Hex color 566EC4.

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



Original Color
566EC4

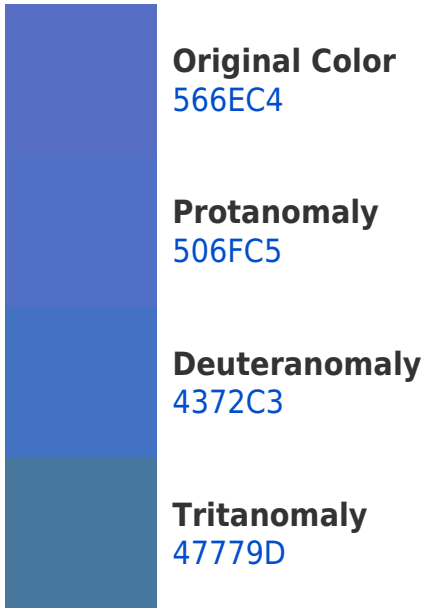
Protanopia
4D70C6

Deuteranopia
3874C3



Tritanopia
3E7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 566EC4 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 #566EC4 looks like.

```
.text, #text, p{  
    color:#566EC4  
}
```

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 #566EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566EC4
}
```

Border

The CSS property to change the border of an element to Hex 566EC4 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".

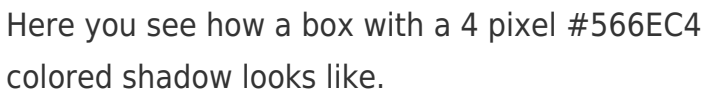
```
.border, #border, table{ border:4px solid
#566EC4 }
```

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

```
.border{ border-color:#566EC4 }
```

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

Here you see how a box with a 4 pixel #566EC4 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566EC4; -webkit-box-shadow:4px 4px  
4px 4px #566EC4; box-shadow:4px 4px 4px  
4px #566EC4 }
```

Background

The CSS property to change the background color of an element to Hex 566EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566EC4 }
```

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

```
.background{ background-color:#566EC4 }
```

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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