

Converting Colors

Hex(566EA4)

Have a look what the booklet for
Hex(566EA4) contains.

Hex(566EA4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(566EA4)

Conversions

Conversions Part 1

Format	Color
Hex	566EA4
RGB	86, 110, 164
RGB Percent	34%, 43%, 64%
CMY	0.6627, 0.5686, 0.3569
CMYK	0.48, 0.33, 0.00, 0.36
HSL	222°, 31%, 49%
HSV	222°, 48%, 64%
XYZ	16.1145, 15.8106, 37.3244
YIQ	108.9800, -31.6380, 11.7060

Conversions

Conversions Part 2

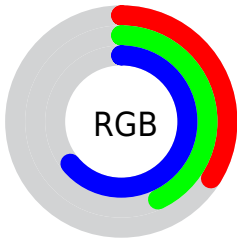
Format	Color
R _Y B	86, 104, 164
Decimal	5664420
CIE Lab	46.73, 6.37, -31.83
CIE LCh	47, 32.456, 281.315
Yxy	15.8106, 0.2327, 0.2283
Android (android.graphics.Color)	4283854500 (0xFF566EA4)
YUV	108.9800, 27.1249, -20.1535
Hunter-Lab	39.7626, 2.7559, -27.8206

Details

The Hex color **566EA4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A48C56**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8CA1DB**, and **1F3F70** is the 20% darker color. If you saturate the color by 10%, you get **4663A4**, and if you desaturate by 10%, it is **6679A4**.

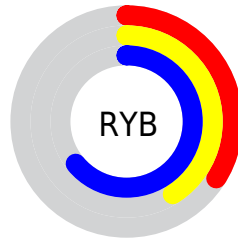
Distribution



Red (34%)

Green (43%)

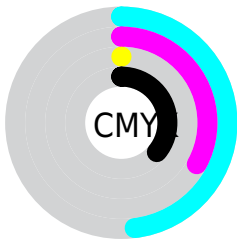
Blue (64%)



Red (34%)

Yellow (41%)

Blue (64%)

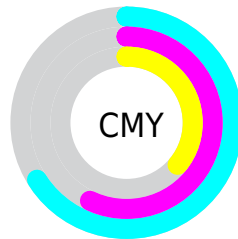


Cyan (48%)

Magenta (33%)

Yellow (0%)

Black (36%)



Cyan (66%)

Magenta (57%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566EA4 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 566EA4 by changing the saturation by 10% instead.

■ 566EA4

■ 566EA4

FFFFFF

■ 3B568A

■ 8CA1DB

■ 1F3F70

■ A7BCF8

■ 002957

■ C3D8FF

■ 00153F

■ E0F4FF

■ 000329

FDFFFF

■ 000113

■ 000000

■ 566EA4

■ 566EA4

■ 4663A4

■ 6679A4

■ 3557A4

■ 7785A4

■ 254CA4

■ 8790A4

■ 1441A4

■ 989BA4

■ 0435A4

■ A8A7A4

■ 0032A4

■ B8B2A4

■ C9BDA4

■ D9C9A4

■ EAD4A4

Harmonies

Analogous

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



1676A2



566EA4



7F6498

Triad

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



566EA4



9E5E4C



337C5C

Complementary

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



566EA4



A48C56

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.



587845



566EA4



8E673B

Square

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



566EA4



A35965



767038



007D79

Rectangle

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



566EA4



925D89



767038



407B54

Sweetspot

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



566EA4



B8C1D6



56A48B



595E6B



EBEBEB



6B6B6B

Same Dimension

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



566EA4



5C82D6



6456A4



494C52



002D91



000512

Inverse Universe

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



A4566E



D65C82



96A456



52494C



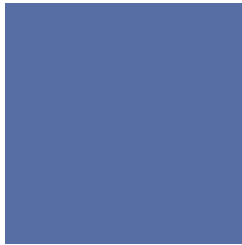
91002D



120005

Previews

White Background



This preview shows how the Hex color 566EA4 looks on a white background.

Color Contrast Check

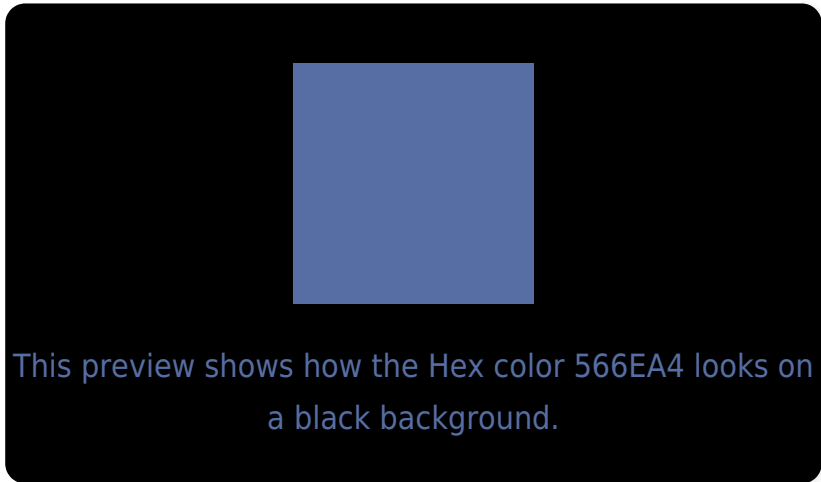
Large Text (above 18pt) WCAG AA ✓ Pass

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

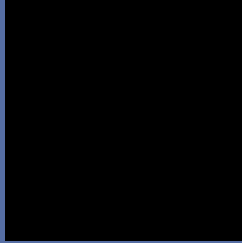
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

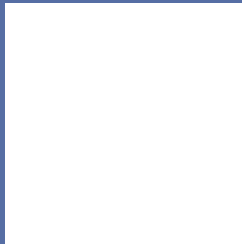
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 566EA4 Background



This preview shows how black text looks on a background with the Hex color 566EA4.

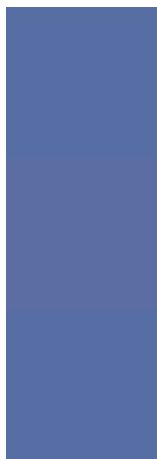


This preview shows how white text looks on a background with the Hex color 566EA4.

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


566EA4

Protanopia

5C6DA3

Deuteranopia

576EA4



Tritanopia
4B757F

Trichromacy



Original Color
566EA4

Protanomaly
5A6DA3

Deuteranomaly
576EA4

Tritanomaly
4F728C

Monochromacy



Original Color
566EA4

Achromatopsia
6D6D6D

Achromatomaly
656D81

CSS Examples

Text

The CSS property to change the color of the text to Hex 566EA4 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 #566EA4 looks like.

```
.text, #text, p{  
    color:#566EA4  
}
```

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 #566EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566EA4
}
```

Border

The CSS property to change the border of an element to Hex 566EA4 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
#566EA4 }
```

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

```
.border{ border-color:#566EA4 }
```

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

Here you see how a box with a 4 pixel #566EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566EA4; -webkit-box-shadow:4px 4px  
4px 4px #566EA4; box-shadow:4px 4px 4px  
4px #566EA4 }
```

Background

The CSS property to change the background color of an element to Hex 566EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566EA4 }
```

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

```
.background{ background-color:#566EA4 }
```

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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