

Converting Colors

Hex(6F68E4)

Have a look what the booklet for
Hex(6F68E4) contains.

Hex(6F68E4)	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(6F68E4)

Conversions

Conversions Part 1

Format	Color
Hex	6F68E4
RGB	111, 104, 228
RGB Percent	44%, 41%, 89%
CMY	0.5647, 0.5922, 0.1059
CMYK	0.51, 0.54, 0.00, 0.11
HSL	243°, 70%, 65%
HSV	243°, 54%, 89%
XYZ	25.5095, 18.8816, 75.6988
YIQ	120.2290, -35.6320, 40.0480

Conversions

Conversions Part 2

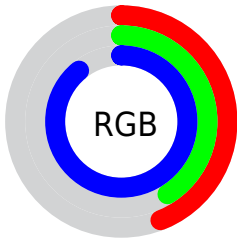
Format	Color
RYB	111, 104, 228
Decimal	7301348
CIELab	50.55, 35.67, -62.44
CIElCh	51, 71.911, 299.742
Yxy	18.8816, 0.2124, 0.1572
Android (android.graphics.Color)	4285491428 (0xFF6F68E4)
YUV	120.2290, 53.1311, -8.0938
Hunter-Lab	43.4529, 28.7475, -72.8713

Details

The Hex color **6F68E4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DDE468**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AA9BFF**, and **2F39AC** is the 20% darker color. If you saturate the color by 10%, you get **5951E4**, and if you desaturate by 10%, it is **857FE4**.

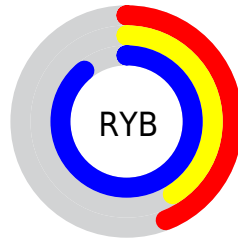
Distribution



Red (44%)

Green (41%)

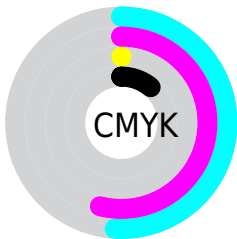
Blue (89%)



Red (44%)

Yellow (41%)

Blue (89%)

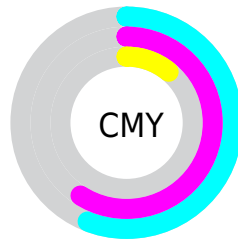


Cyan (51%)

Magenta (54%)

Yellow (0%)

Black (11%)



Cyan (56%)

Magenta (59%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F68E4 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 6F68E4 by changing the saturation by 10% instead.

■ 6F68E4

■ 6F68E4

FFFFFF

■ 5150C7

■ AA9BFF

■ 2F39AC

■ C7B6FF

■ 002390

■ E5D2FF

■ 000F76

■ FFEEFF

■ 00005D

■ 000744

■ 00032D

■ 000117

■ 000000

 6F68E4

 6F68E4

 5951E4

 857FE4

 443AE4

 9A96E4

 2E24E4

 B0ACE4

 190DE4

 C5C3E4

 0D00E4

 DBDAE4

 F0F1E4

 FFFFE4

Harmonies

Analogous

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



0080F4



6F68E4



BF46B7

Triad

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



6F68E4



C15C00



009276

Complementary

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



6F68E4



DDE468

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.



008F35



6F68E4



927600

Square

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



6F68E4



DD3B40



558600



0093B4

Rectangle

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



6F68E4



D92F90



558600



009260

Sweetspot

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



6F68E4



D9D6FF



68DEE4



696780



000000



808080

Same Dimension

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



6F68E4



6359FF



AC68E4



686773



0A00B3



030033

Inverse Universe

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



E468DD



FF59F6



A0E468



736772



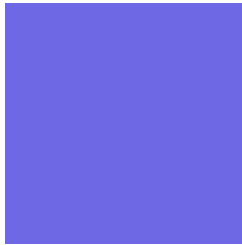
B300A8



330030

Previews

White Background



This preview shows how the Hex color 6F68E4 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

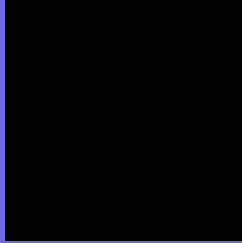
Any Text WCAG AA ✓ Pass

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 6F68E4 Background



This preview shows how black text looks on a background with the Hex color 6F68E4.

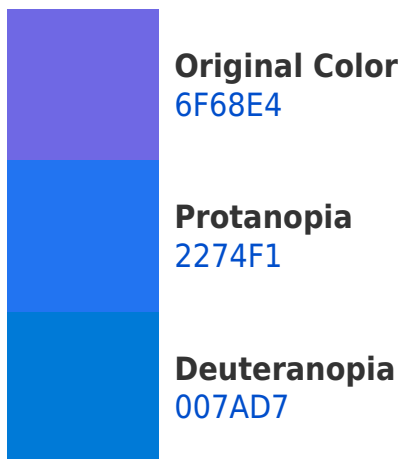


This preview shows how white text looks on a background with the Hex color 6F68E4.

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](#).

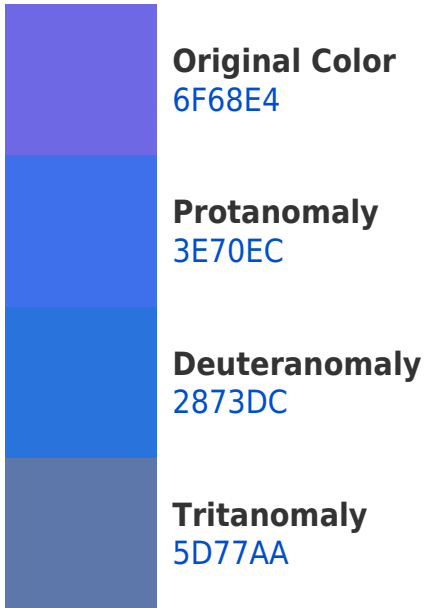
Dichromacy





Tritanopia
527F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F68E4 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 #6F68E4 looks like.

```
.text, #text, p{  
    color:#6F68E4  
}
```

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 #6F68E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F68E4
}
```

Border

The CSS property to change the border of an element to Hex 6F68E4 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
#6F68E4 }
```

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

```
.border{ border-color:#6F68E4 }
```

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

Here you see how a box with a 4 pixel #6F68E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F68E4; -webkit-box-shadow:4px 4px  
4px 4px #6F68E4; box-shadow:4px 4px 4px  
4px #6F68E4 }
```

Background

The CSS property to change the background color of an element to Hex 6F68E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F68E4 }
```

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

```
.background{ background-color:#6F68E4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor