

Converting Colors

Hex(486FF2)

Have a look what the booklet for
Hex(486FF2) contains.

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Color

Hex(486FF2)

Conversions

Conversions Part 1

Format	Color
Hex	486FF2
RGB	72, 111, 242
RGB Percent	28%, 44%, 95%
CMY	0.7176, 0.5647, 0.0510
CMYK	0.70, 0.54, 0.00, 0.05
HSL	226°, 87%, 62%
HSV	226°, 70%, 95%
XYZ	24.3839, 19.1574, 86.4170
YIQ	114.2730, -65.2950, 32.4730

Conversions

Conversions Part 2

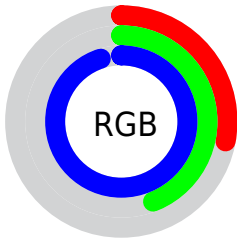
Format	Color
R _Y B	72, 104, 242
Decimal	4747250
CIE Lab	50.87, 29.47, -69.88
CIE LCh	51, 75.838, 292.866
Yxy	19.1574, 0.1876, 0.1474
Android (android.graphics.Color)	4282937330 (0xFF486FF2)
YUV	114.2730, 62.9694, -37.0734
Hunter-Lab	43.7692, 22.8469, -86.4226

Details

The Hex color **486FF2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F2CB48**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8BA2FF**, and **0040B9** is the 20% darker color. If you saturate the color by 10%, you get **305CF2**, and if you desaturate by 10%, it is **6082F2**.

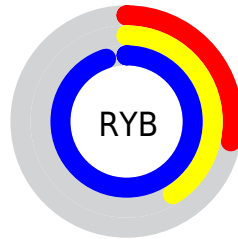
Distribution



Red (28%)

Green (44%)

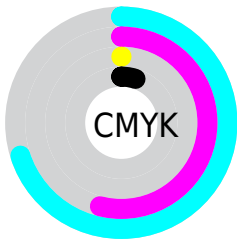
Blue (95%)



Red (28%)

Yellow (41%)

Blue (95%)

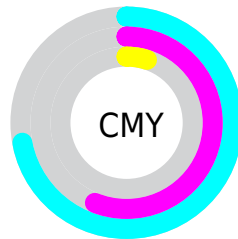


Cyan (70%)

Magenta (54%)

Yellow (0%)

Black (5%)



Cyan (72%)

Magenta (56%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Hex color 486FF2 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 486FF2 by changing the saturation by 10% instead.

 486FF2

 486FF2

FFFFFF

 1557D5

 8BA2FF

 0040B9

 AABDFF

 002B9D

 C9D9FF

 001982

 E8F5FF

 000068

 000A4F

 000537

 000221

 000006

■ 486FF2

■ 486FF2

■ 305CF2

■ 6082F2

■ 184AF2

■ 7894F2

■ 0038F2

■ 91A7F2

■ A9BAF2

■ C1CCF2

■ D9DFF2

■ F1F2F2

■ FFFFF2

Harmonies

Analogous

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



0086FB



486FF2



B64BC8

Triad

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



486FF2



CD5301



009467

Complementary

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



486FF2



F2CB48

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.



008F20



486FF2



A07100

Square

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



486FF2



E62B4C



648400



0095AA

Rectangle

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



486FF2



D82FA1



648400



009350

Sweetspot

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



486FF2



C9D6FF



48F2CA



606780



000000



808080

Same Dimension

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



486FF2



295AFF



7548F2



6C6F78



002AB8



000D38

Inverse Universe

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



F2486F



FF295A



C5F248



786C6F



B8002A



38000D

Previews

White Background



This preview shows how the Hex color 486FF2 looks on a white background.

Color Contrast Check

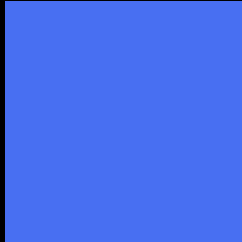
Large Text (above 18pt) WCAG AA ✓ Pass

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 486FF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

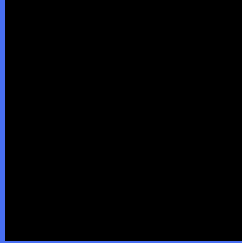
Any Text WCAG AA ✓ Pass

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 486FF2 Background



This preview shows how black text looks on a background with the Hex color 486FF2.

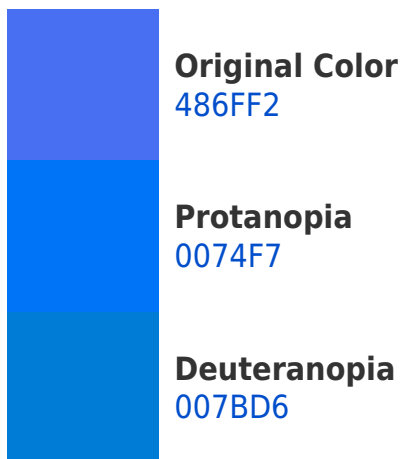


This preview shows how white text looks on a background with the Hex color 486FF2.

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
008690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 486FF2 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 #486FF2 looks like.

```
.text, #text, p{  
    color:#486FF2  
}
```

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 #486FF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486FF2
}
```

Border

The CSS property to change the border of an element to Hex 486FF2 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
#486FF2 }
```

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

```
.border{ border-color:#486FF2 }
```

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

Here you see how a box with a 4 pixel #486FF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486FF2; -webkit-box-shadow:4px 4px  
4px 4px #486FF2; box-shadow:4px 4px 4px  
4px #486FF2 }
```

Background

The CSS property to change the background color of an element to Hex 486FF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486FF2 }
```

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

```
.background{ background-color:#486FF2 }
```

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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