

Converting Colors

Hex(384F96)

Have a look what the booklet for
Hex(384F96) contains.

Hex(384F96)	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(384F96)

Conversions

Conversions Part 1

Format	Color
Hex	384F96
RGB	56, 79, 150
RGB Percent	22%, 31%, 59%
CMY	0.7804, 0.6902, 0.4118
CMYK	0.63, 0.47, 0.00, 0.41
HSL	225°, 46%, 40%
HSV	225°, 63%, 59%
XYZ	9.9319, 8.6347, 29.9974
YIQ	80.2170, -36.4990, 17.2050

Conversions

Conversions Part 2

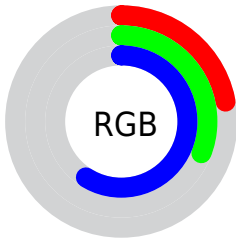
Format	Color
R_{YB}	56, 74, 150
Decimal	3690390
CIE _{Lab}	35.27, 14.51, -41.74
CIE _{LCh}	35, 44.189, 289.168
Yxy	8.6347, 0.2045, 0.1778
Android (android.graphics.Color)	4281880470 (0xFF384F96)
YUV	80.2170, 34.4030, -21.2383
Hunter-Lab	29.3849, 8.9082, -39.9563

Details

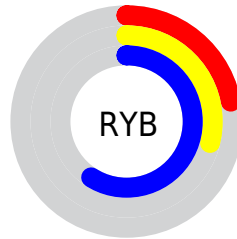
The Hex color **384F96** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **967F38**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7080CD**, and **002362** is the 20% darker color. If you saturate the color by 10%, you get **294496**, and if you desaturate by 10%, it is **475A96**.

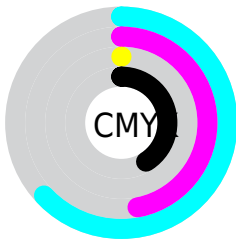
Distribution



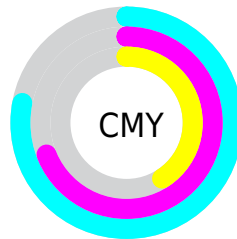
- Red (22%)
- Green (31%)
- Blue (59%)



- Red (22%)
- Yellow (29%)
- Blue (59%)



- Cyan (63%)
- Magenta (47%)
- Yellow (0%)
- Black (41%)



- Cyan (78%)
- Magenta (69%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 384F96 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 384F96 by changing the saturation by 10% instead.

■ 384F96

■ 384F96

FFFFFF

■ 17387C

■ 7080CD

■ 002362

■ 8B9AE9

■ 000F4A

■ A7B4FF

■ 000433

■ C4D0FF

■ 00021D

■ E1ECFF

■ 000000

FEFFFF

■ 384F96

■ 384F96

■ 294496

■ 475A96

■ 1A3896

■ 566696

■ 0B2D96

■ 657196

■ 002596

■ 747C96

■ 838896

■ 929396

■ A19E96

■ B0AA96

■ BFB596

Harmonies

Analogous

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



005B98



384F96



713F82

Triad

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



384F96



873E1E



006345

Complementary

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



384F96



967F38

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.



215F21



384F96



6F4D02

Square

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



384F96



92313E



4F5802



006369

Rectangle

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



384F96



85356D



4F5802



006238

Sweetspot

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



384F96



9DA6C2



38967E



4B5061



E0E0E0



616161

Same Dimension

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



384F96



3054C2



503896



43444A



00228A



00020A

Inverse Universe

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



96384F



C23054



7E9638



4A4344



8A0022



0A0002

Previews

White Background



This preview shows how the Hex color 384F96 looks on a white background.

Color Contrast Check

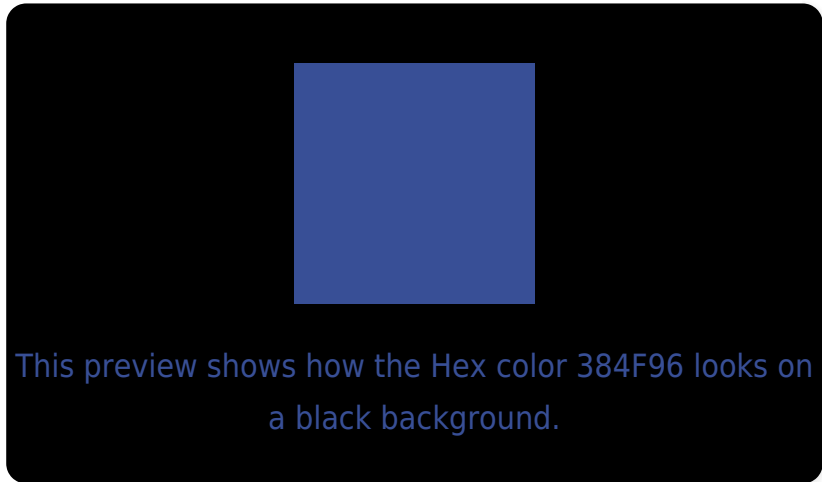
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

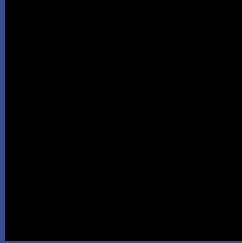
Any Text WCAG AA × Fail

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 384F96 Background



This preview shows how black text looks on a background with the Hex color 384F96.

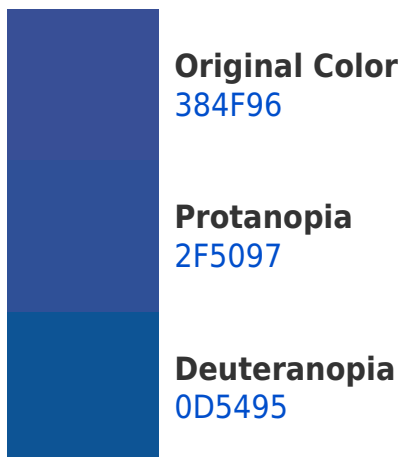


This preview shows how white text looks on a background with the Hex color 384F96.

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](#).

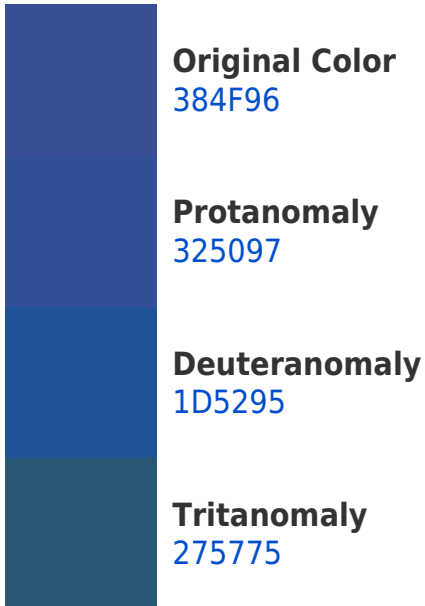
Dichromacy





Tritanopia
1D5B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 384F96 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 #384F96 looks like.

```
.text, #text, p{  
    color:#384F96  
}
```

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 #384F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #384F96
}
```

Border

The CSS property to change the border of an element to Hex 384F96 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
#384F96 }
```

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

```
.border{ border-color:#384F96 }
```

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

Here you see how a box with a 4 pixel #384F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #384F96; -webkit-box-shadow:4px 4px  
4px 4px #384F96; box-shadow:4px 4px 4px  
4px #384F96 }
```

Background

The CSS property to change the background color of an element to Hex 384F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#384F96 }
```

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

```
.background{ background-color:#384F96 }
```

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