

Converting Colors

Decimal(5599144)

Have a look what the booklet for
Decimal(5599144) contains.

Decimal(5599144)	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

Decimal(5599144)

Conversions

Conversions Part 1

Format	Color
Hex	556FA8
RGB	85, 111, 168
RGB Percent	33%, 44%, 66%
CMY	0.6667, 0.5647, 0.3412
CMYK	0.49, 0.34, 0.00, 0.34
HSL	221°, 33%, 50%
HSV	221°, 49%, 66%
XYZ	16.4986, 16.1273, 39.2891
YIQ	109.7240, -33.7930, 12.2150

Conversions

Conversions Part 2

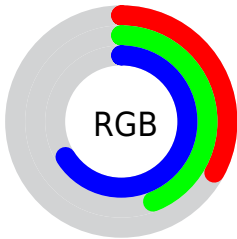
Format	Color
R _Y B	85, 105, 168
Decimal	5599144
CIE Lab	47.14, 6.76, -33.52
CIE LCh	47, 34.196, 281.395
Yxy	16.1273, 0.2294, 0.2243
Android (android.graphics.Color)	4283789224 (0xFF556FA8)
YUV	109.7240, 28.7301, -21.6829
Hunter-Lab	40.1588, 3.0560, -29.8947

Details

The Decimal color **5599144** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11046485**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **9151199**, and **1917044** is the 20% darker color. If you saturate the color by 10%, you get **4481960**, and if you desaturate by 10%, it is **6716328**.

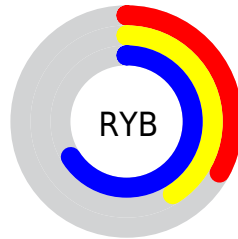
Distribution



Red (33%)

Green (44%)

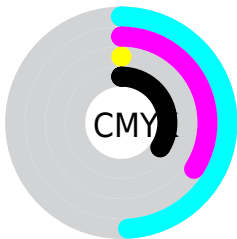
Blue (66%)



Red (33%)

Yellow (41%)

Blue (66%)

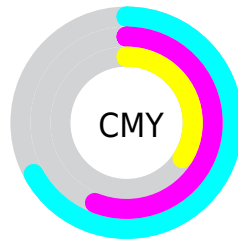


Cyan (49%)

Magenta (34%)

Yellow (0%)

Black (34%)



Cyan (67%)

Magenta (56%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5599144 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 Decimal color 5599144 by changing the saturation by 10% instead.

■ 5599144

■ 5599144

16777215

■ 3823501

■ 9151199

■ 1917044

■ 10993148

■ 10843

■ 12835327

■ 5699

■ 14677759

■ 812

16646143

■ 279

■ 0

■ 5599144

■ 5599144

■ 4481960

■ 6716328

■ 3365032

■ 7833256

■ 2313384

■ 8884904

■ 1196456

■ 10001832

■ 79272

■ 11119016

■ 13736

■ 12235944

■ 13353128

■ 14404520

■ 15521704

Harmonies

Analogous

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



30886



5599144



8479899

Triad

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



5599144



10640971



3112284

Complementary

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



5599144



11046485

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.



5732675



5599144



9463865

Square

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



5599144



10901606



7828022



32634

Rectangle

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



5599144



9788812



7828022



4095059

Sweetspot

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



5599144



12240347



5613710



5922926



15592941



7237230

Same Dimension

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



5599144



5931739



6575528



5000788



11924



1556

Inverse Universe

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



11031919



14375554



10070101



5524558



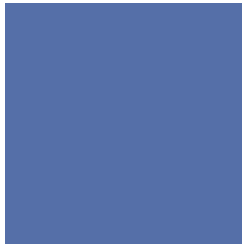
9699374



1310726

Previews

White Background



This preview shows how the Decimal color 5599144 looks on a white background.

Color Contrast Check

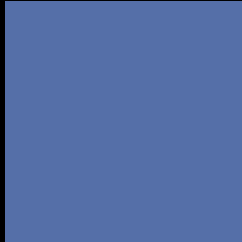
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5599144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

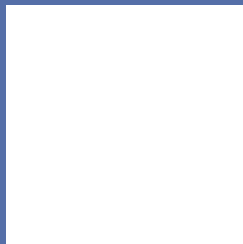
Any Text WCAG AAA × Fail

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

Decimal 5599144 Background



This preview shows how black text looks on a background with the Decimal color 5599144.



This preview shows how white text looks on a background with the Decimal color 5599144.

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
5599144

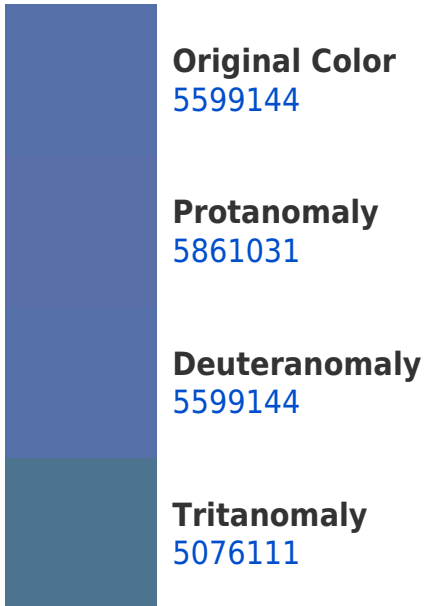
Protanopia
6057639

Deuteranopia
5599144



Tritanopia
4814720

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5599144 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 #556FA8 looks like.

```
.text, #text, p{  
    color:#556FA8  
}
```

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 #556FA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556FA8  
}
```

Border

The CSS property to change the border of an element to Decimal 5599144 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  
#556FA8 }
```

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

```
.border{ border-color:#556FA8 }
```

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

Here you see how a box with a 4 pixel #556FA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556FA8; -webkit-box-shadow:4px 4px  
4px 4px #556FA8; box-shadow:4px 4px 4px  
4px #556FA8 }
```

Background

The CSS property to change the background color of an element to Decimal 5599144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556FA8 }
```

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

```
.background{ background-color:#556FA8 }
```

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