

# Converting Colors

Decimal(5670604)

Have a look what the booklet for  
Decimal(5670604) contains.

<b>Decimal(5670604)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(5670604)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5686CC
RGB	86, 134, 204
RGB Percent	34%, 53%, 80%
CMY	0.6627, 0.4745, 0.2000
CMYK	0.58, 0.34, 0.00, 0.20
HSL	216°, 54%, 57%
HSV	216°, 58%, 80%
XYZ	23.2619, 23.3883, 60.4151
YIQ	127.6280, -51.0780, 11.5940

# Conversions

## Conversions Part 2

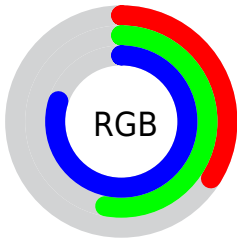
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	86, 120, 204
Decimal	5670604
CIE Lab	55.47, 4.70, -41.12
CIE LCh	55, 41.389, 276.514
Yxy	23.3883, 0.2173, 0.2184
Android (android.graphics.Color)	4283860684 (0xFF5686CC)
YUV	127.6280, 37.6514, -36.5078
Hunter-Lab	48.3614, 1.2264, -40.2146

# Details

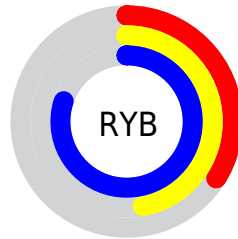
The Decimal color **5670604** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **13409366**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **9485311**, and **808341** is the 20% darker color. If you saturate the color by 10%, you get **4356812**, and if you desaturate by 10%, it is **6984396**.

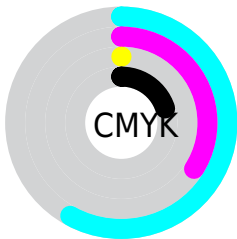
# Distribution



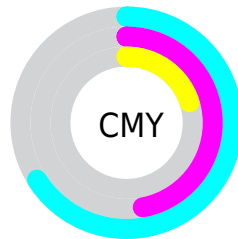
- Red (34%)
- Green (53%)
- Blue (80%)



- Red (34%)
- Yellow (47%)
- Blue (80%)



- Cyan (58%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (47%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5670604 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 5670604 by changing the saturation by 10% instead.



■ 5670604

■ 5670604

16777215

■ 3632560

■ 9485311

■ 808341

■ 11393023

■ 15995

■ 13300735

■ 10594

■ 15204351

■ 5450

■ 1074

■ 541

■ 0

■ 5670604

■ 5670604

■ 4356812

■ 6984396

■ 2977484

■ 8363724

■ 1663692

■ 9677516

■ 284364

■ 11056844

■ 21452

■ 12370892

■ 13684684

■ 15064012

■ 16377804

■ 16774092

# Harmonies

## Analogous

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



37062



5670604



9599167

# Triad

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



5670604



12938332



3904871

# Complementary

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



5670604



13409366

# 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.



7180105



5670604



11630915

# Square

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



5670604



13133694



9667899



38796

# Rectangle

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



5670604



11366317



9667899



5149532

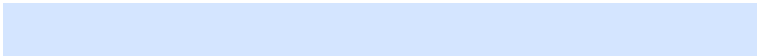


# Sweetspot

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



5670604



13952511



5688475



6713472



0



8421504



# Same Dimension

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



5670604



5216255



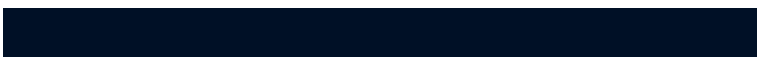
6313676



6053990



17318



4134



# Inverse Universe

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



13391494



16732055



12766294



6708320



10879043



2490384



# Previews

## White Background



This preview shows how the Decimal color 5670604 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 Decimal color 5670604 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](#).



## Decimal 5670604 Background



This preview shows how black text looks on a background with the Decimal color 5670604.

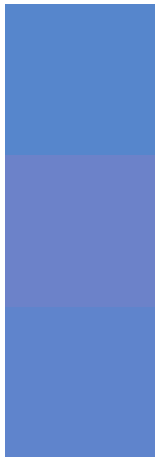


This preview shows how white text looks on a background with the Decimal color 5670604.

# 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**  
5670604

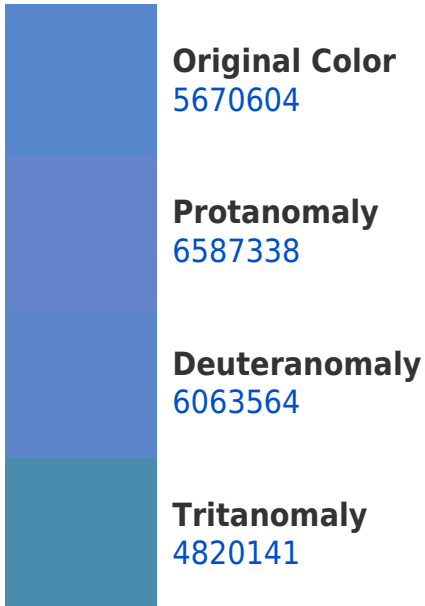
**Protanopia**  
7111369

**Deuteranopia**  
6259916



**Tritanopia**  
4362395

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5670604 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 #5686CC looks like.

```
.text, #text, p{  
    color:#5686CC  
}
```

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 #5686CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5686CC
}
```

## Border

The CSS property to change the border of an element to Decimal 5670604 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
#5686CC }
```

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

```
.border{ border-color:#5686CC }
```

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

Here you see how a box with a 4 pixel #5686CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5686CC; -webkit-box-shadow:4px 4px  
4px 4px #5686CC; box-shadow:4px 4px 4px  
4px #5686CC }
```

# Background

The CSS property to change the background color of an element to Decimal 5670604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5686CC }
```

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

```
.background{ background-color:#5686CC }
```

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