

Converting Colors

Decimal(5606869)

Have a look what the booklet for
Decimal(5606869) contains.

Decimal(5606869)	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(5606869)

Conversions

Conversions Part 1

Format	Color
Hex	558DD5
RGB	85, 141, 213
RGB Percent	33%, 55%, 84%
CMY	0.6667, 0.4471, 0.1647
CMYK	0.60, 0.34, 0.00, 0.16
HSL	214°, 60%, 58%
HSV	214°, 60%, 84%
XYZ	25.2814, 25.7851, 66.5953
YIQ	132.4640, -56.4880, 10.5200

Conversions

Conversions Part 2

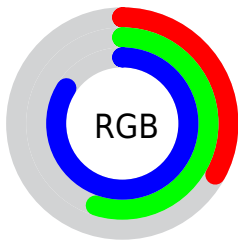
Format	Color
R _Y B	85, 124, 213
Decimal	5606869
CIE Lab	57.83, 3.31, -42.47
CIE LCh	58, 42.600, 274.460
Yxy	25.7851, 0.2149, 0.2191
Android (android.graphics.Color)	4283796949 (0xFF558DD5)
YUV	132.4640, 39.7042, -41.6259
Hunter-Lab	50.7791, 0.0066, -42.2118

Details

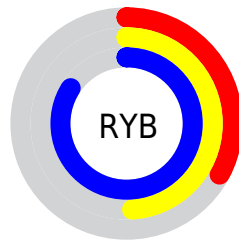
The Decimal color **5606869** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **13999445**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **9487103**, and **23454** is the 20% darker color. If you saturate the color by 10%, you get **4227541**, and if you desaturate by 10%, it is **6986197**.

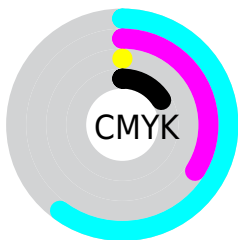
Distribution



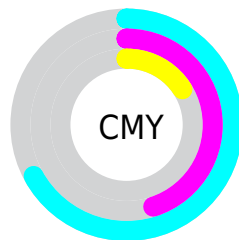
- Red (33%)
- Green (55%)
- Blue (84%)



- Red (33%)
- Yellow (49%)
- Blue (84%)



- Cyan (60%)
- Magenta (34%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5606869 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 5606869 by changing the saturation by 10% instead.

■ 5606869

■ 5606869

16777215

■ 3503289

■ 9487103

■ 23454

■ 11394815

■ 17539

■ 13368319

■ 12138

■ 15269887

■ 6993

■ 1338

■ 547

■ 10

■ 0

■ 5606869

■ 5606869

■ 4227541

■ 6986197

■ 2782677

■ 8431061

■ 1403349

■ 9810389

■ 24021

■ 11189717

■ 12634581

■ 14013909

■ 15393237

■ 16772565

■ 16775637

Harmonies

Analogous

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



38861



5606869



9797576

Triad

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



5606869



13529443



4430697

Complementary

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



5606869



13999445

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.



7705931



5606869



12287304

Square

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



5606869



13659271



10259262



40592

Rectangle

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



5606869



11761335



10259262



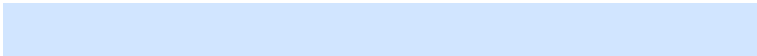
5675614

Sweetspot

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



5606869



13755903



5625243



6516864



0



8421504

Same Dimension

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



5606869



4692223



5985749



6317419



19371



4907

Inverse Universe

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



13981069



16730008



13620565



7037029



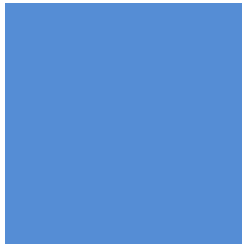
11206731



2818067

Previews

White Background



This preview shows how the Decimal color 5606869 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 5606869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

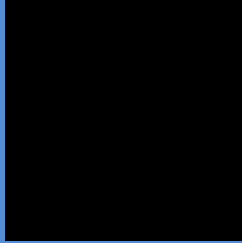
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

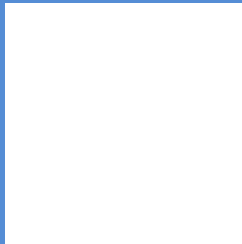
Any Text WCAG AAA × Fail

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

Decimal 5606869 Background



This preview shows how black text looks on a background with the Decimal color 5606869.

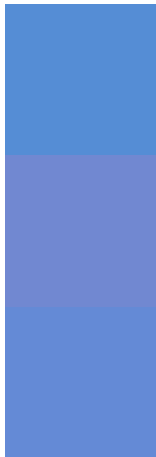


This preview shows how white text looks on a background with the Decimal color 5606869.

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
5606869

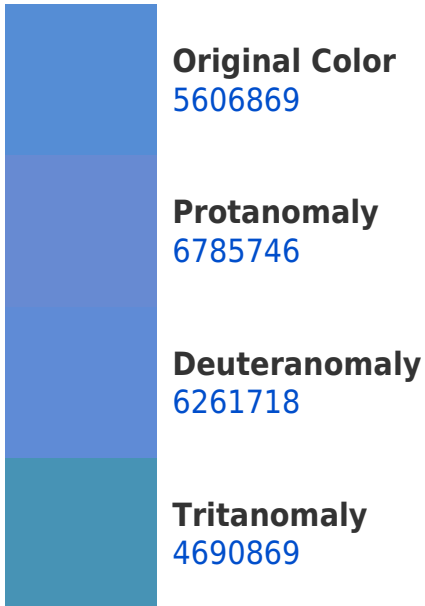
Protanopia
7440593

Deuteranopia
6589142



Tritanopia
4167587

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5606869 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 #558DD5 looks like.

```
.text, #text, p{  
    color:#558DD5  
}
```

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 #558DD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558DD5
}
```

Border

The CSS property to change the border of an element to Decimal 5606869 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
#558DD5 }
```

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

```
.border{ border-color:#558DD5 }
```

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

Here you see how a box with a 4 pixel #558DD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558DD5; -webkit-box-shadow:4px 4px  
4px 4px #558DD5; box-shadow:4px 4px 4px  
4px #558DD5 }
```

Background

The CSS property to change the background color of an element to Decimal 5606869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558DD5 }
```

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

```
.background{ background-color:#558DD5 }
```

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