

Converting Colors

Decimal(5601990)

Have a look what the booklet for
Decimal(5601990) contains.

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Color

Decimal(5601990)

Conversions

Conversions Part 1

Format	Color
Hex	557AC6
RGB	85, 122, 198
RGB Percent	33%, 48%, 78%
CMY	0.6667, 0.5216, 0.2235
CMYK	0.57, 0.38, 0.00, 0.22
HSL	220°, 50%, 55%
HSV	220°, 57%, 78%
XYZ	20.8989, 19.9276, 56.1710
YIQ	119.6010, -46.4480, 15.7920

Conversions

Conversions Part 2

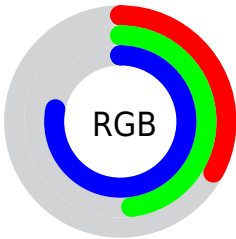
Format	Color
R _Y B	85, 113, 198
Decimal	5601990
CIE Lab	51.76, 9.74, -43.58
CIE LCh	52, 44.659, 282.593
Yxy	19.9276, 0.2155, 0.2054
Android (android.graphics.Color)	4283792070 (0xFF557AC6)
YUV	119.6010, 38.6507, -30.3451
Hunter-Lab	44.6403, 5.4463, -43.3565

Details

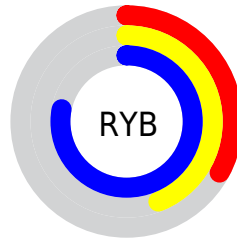
The Decimal color **5601990** is a dark color, and the websafe version is hex **666699**. The color can be described as middle muted azure. A complement of this color would be **13017429**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **9350911**, and **871056** is the 20% darker color. If you saturate the color by 10%, you get **4287942**, and if you desaturate by 10%, it is **6916038**.

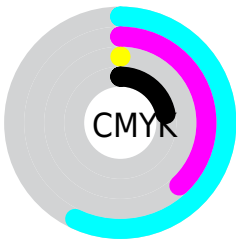
Distribution



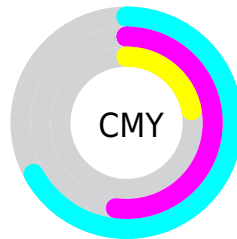
- Red (33%)
- Green (48%)
- Blue (78%)



- Red (33%)
- Yellow (44%)
- Blue (78%)



- Cyan (57%)
- Magenta (38%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (52%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5601990 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 5601990 by changing the saturation by 10% instead.

■ 5601990

■ 5601990

16777215

■ 3629482

■ 9350911

■ 871056

■ 11258367

■ 13430

■ 13166079

■ 8028

■ 15073279

■ 1604

■ 813

■ 280

■ 0

■ 5601990

■ 5601990

■ 4287942

■ 6916038

■ 2973638

■ 8230342

■ 1725126

■ 9478854

■ 411078

■ 10792902

■ 16838

■ 12107206

■ 13421254

■ 14735302

■ 15984070

■ 16773830

Harmonies

Analogous

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



34500



5601990



9661364

Triad

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



5601990



12280649



232803

Complementary

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



5601990



13017429

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.



5736512



5601990



10711345

Square

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



5601990



12737133



8551980



36491

Rectangle

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



5601990



11362719



8551980



3181655

Sweetspot

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



5601990



13951743



5621408



6712960



0



8421504

Same Dimension

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



5601990



5409535



6837702



5922147



13731



3108

Inverse Universe

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



12998010



16732810



11781717



6511197



10682421



2359308

Previews

White Background



This preview shows how the Decimal color 5601990 looks on a white background.

Color Contrast Check

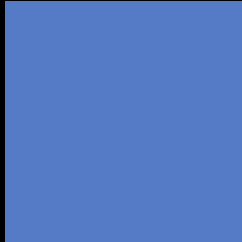
Large Text (above 18pt) WCAG AA ✓ Pass

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 5601990 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 5601990 Background



This preview shows how black text looks on a background with the Decimal color 5601990.

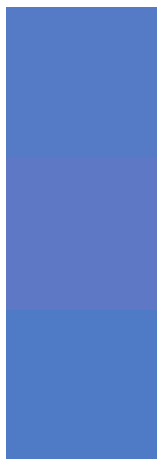


This preview shows how white text looks on a background with the Decimal color 5601990.

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
5601990

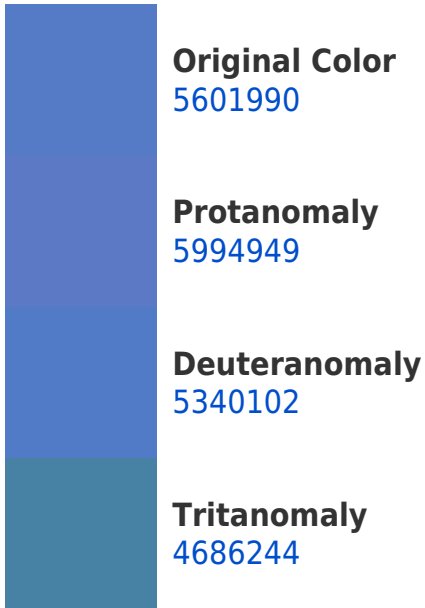
Protanopia
6191301

Deuteranopia
5209030

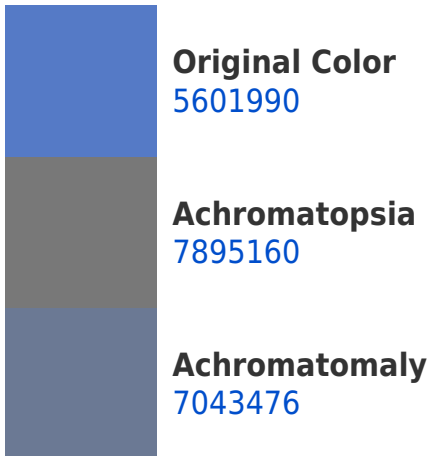


Tritanopia
4162960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5601990 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 #557AC6 looks like.

```
.text, #text, p{  
    color:#557AC6  
}
```

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 #557AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557AC6
}
```

Border

The CSS property to change the border of an element to Decimal 5601990 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
#557AC6 }
```

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

```
.border{ border-color:#557AC6 }
```

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

Here you see how a box with a 4 pixel #557AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557AC6; -webkit-box-shadow:4px 4px  
4px 4px #557AC6; box-shadow:4px 4px 4px  
4px #557AC6 }
```

Background

The CSS property to change the background color of an element to Decimal 5601990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557AC6 }
```

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

```
.background{ background-color:#557AC6 }
```

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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