

Converting Colors

Decimal(6068698)

Have a look what the booklet for
Decimal(6068698) contains.

Decimal(6068698)	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(6068698)

Conversions

Conversions Part 1

Format	Color
Hex	5C99DA
RGB	92, 153, 218
RGB Percent	36%, 60%, 85%
CMY	0.6392, 0.4000, 0.1451
CMYK	0.58, 0.30, 0.00, 0.15
HSL	211°, 63%, 61%
HSV	211°, 58%, 85%
XYZ	28.4598, 30.1197, 70.6434
YIQ	142.1710, -57.2210, 7.2830

Conversions

Conversions Part 2

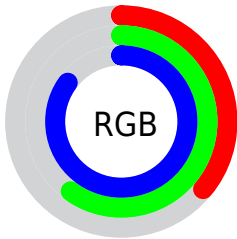
Format	Color
R_{YB}	92, 133, 218
Decimal	6068698
CIE _{Lab}	61.76, -0.66, -39.08
CIE _{LCh}	62, 39.082, 269.036
Yxy	30.1197, 0.2202, 0.2331
Android (android.graphics.Color)	4284258778 (0xFF5C99DA)
YUV	142.1710, 37.3837, -44.0000
Hunter-Lab	54.8814, -3.4782, -37.9010

Details

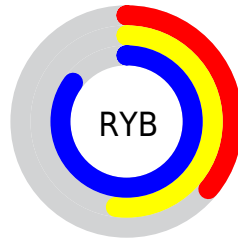
The Decimal color **6068698** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **14327132**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **9949183**, and **1271459** is the 20% darker color. If you saturate the color by 10%, you get **4624090**, and if you desaturate by 10%, it is **7513306**.

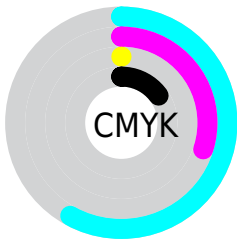
Distribution



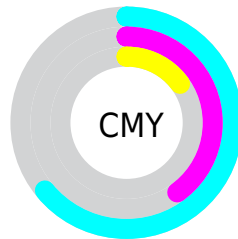
- Red (36%)
- Green (60%)
- Blue (85%)



- Red (36%)
- Yellow (52%)
- Blue (85%)



- Cyan (58%)
- Magenta (30%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6068698 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 6068698 by changing the saturation by 10% instead.

■ 6068698

■ 6068698

16777215

■ 4030398

■ 9949183

■ 1271459

■ 11856895

■ 20360

■ 13762559

■ 14446

■ 15728639

■ 9046

■ 3390

■ 808

■ 273

■ 0

■ 6068698

■ 6068698

■ 4624090

■ 7513306

■ 3179482

■ 8957914

■ 1800154

■ 10337242

■ 355546

■ 11781850

■ 27354

■ 13226458

■ 14671066

■ 16115930

■ 16774106

■ 16776922

Harmonies

Analogous

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



41680



6068698



9932242

Triad

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



6068698



14056565



6202480

Complementary

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



6068698



14327132

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.



9018711



6068698



13076315

Square

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



6068698



13990296



11309903



2205587

Rectangle

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



6068698



11830467



11309903



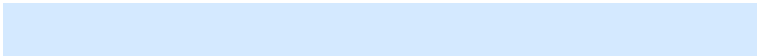
7184998

Sweetspot

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



6068698



13953535



6085275



6713984



0



8421504

Same Dimension

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



6068698



5219583



6053082



6514798



21677



5678

Inverse Universe

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



14310553



16732068



14342748



7234408



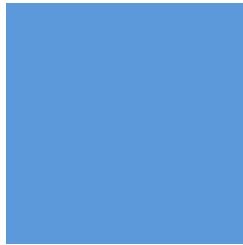
11337812



3014678

Previews

White Background



This preview shows how the Decimal color 6068698 looks on a white background.

Color Contrast Check

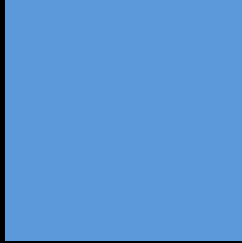
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6068698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

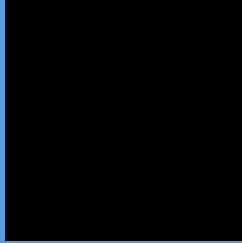
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

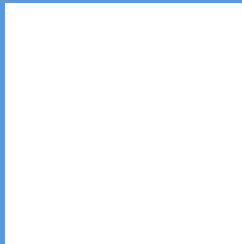
Any Text WCAG AAA ✓ Pass

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

Decimal 6068698 Background



This preview shows how black text looks on a background with the Decimal color 6068698.




This preview shows how white text looks on a background with the Decimal color 6068698.

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
4891054

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6068698 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 #5C99DA looks like.

```
.text, #text, p{  
    color:#5C99DA  
}
```

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 #5C99DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C99DA
}
```

Border

The CSS property to change the border of an element to Decimal 6068698 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
#5C99DA }
```

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

```
.border{ border-color:#5C99DA }
```

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

Here you see how a box with a 4 pixel #5C99DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C99DA; -webkit-box-shadow:4px 4px  
4px 4px #5C99DA; box-shadow:4px 4px 4px  
4px #5C99DA }
```

Background

The CSS property to change the background color of an element to Decimal 6068698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C99DA }
```

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

```
.background{ background-color:#5C99DA }
```

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