

# Converting Colors

Decimal(6003656)

Have a look what the booklet for  
Decimal(6003656) contains.

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# Color

**Decimal(6003656)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B9BC8
RGB	91, 155, 200
RGB Percent	36%, 61%, 78%
CMY	0.6431, 0.3922, 0.2157
CMYK	0.54, 0.23, 0.00, 0.22
HSL	205°, 50%, 57%
HSV	205°, 54%, 78%
XYZ	26.4611, 29.8370, 59.0080
YIQ	140.9940, -52.5890, 0.4270

# Conversions

## Conversions Part 2

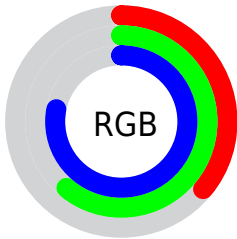
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 131, 200
Decimal	6003656
CIE <sub>Lab</sub>	61.51, -7.63, -29.42
CIE <sub>LCh</sub>	62, 30.389, 255.465
Yxy	29.8370, 0.2295, 0.2588
Android (android.graphics.Color)	4284193736 (0xFF5B9BC8)
YUV	140.9940, 29.0900, -43.8447
Hunter-Lab	54.6232, -9.1201, -25.8132

# Details

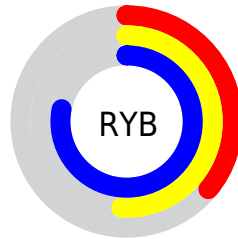
The Decimal color **6003656** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **13142107**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **9753087**, and **1730706** is the 20% darker color. If you saturate the color by 10%, you get **4690888**, and if you desaturate by 10%, it is **7316424**.

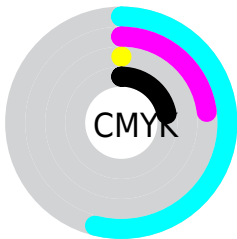
# Distribution



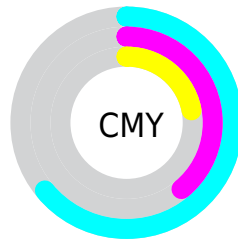
- Red (36%)
- Green (61%)
- Blue (78%)



- Red (36%)
- Yellow (51%)
- Blue (78%)



- Cyan (54%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (39%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6003656 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 6003656 by changing the saturation by 10% instead.



■ 6003656

■ 6003656

16777215

■ 4030893

■ 9753087

■ 1730706

■ 11661055

■ 20600

■ 13565951

■ 14687

■ 15466495

■ 9287

■ 3633

■ 283

■ 0

■ 6003656

■ 6003656

■ 4690888

■ 7316424

■ 3377864

■ 8629448

■ 2065096

■ 9942216

■ 752328

■ 11254984

■ 30152

■ 12567752

■ 13880776

■ 15193544

■ 16506312

■ 16770504

# Harmonies

## Analogous

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



3776954



6003656



8753864

# Triad

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



6003656



13271175



8101486

# Complementary

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



6003656



13142107

# 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.



10065760



6003656



12879471

# Square

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



6003656



12681891



11701857



5939846

# Rectangle

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



6003656



10390720



11701857



8756328

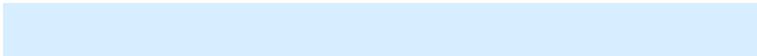


# Sweetspot

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



6003656



14085887



6015111



6780288



0



8421504



# Same Dimension

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



6003656



5880831



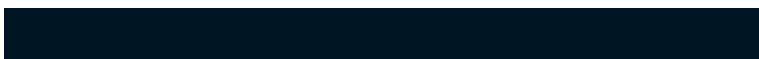
5990088



5922659



24739



5412



# Inverse Universe

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



13130651



16734651



13155675



6511199



10682464



2359317



# Previews

## White Background



This preview shows how the Decimal color 6003656 looks on a white background.

## Color Contrast Check

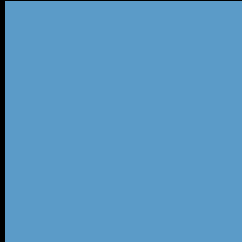
Large Text (above 18pt) WCAG AA ✓ Pass

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 6003656 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

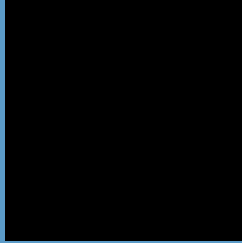
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

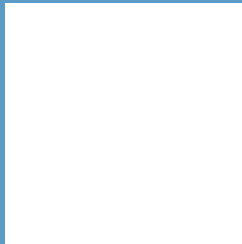
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6003656 Background



This preview shows how black text looks on a background with the Decimal color 6003656.




This preview shows how white text looks on a background with the Decimal color 6003656.

# 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](#).

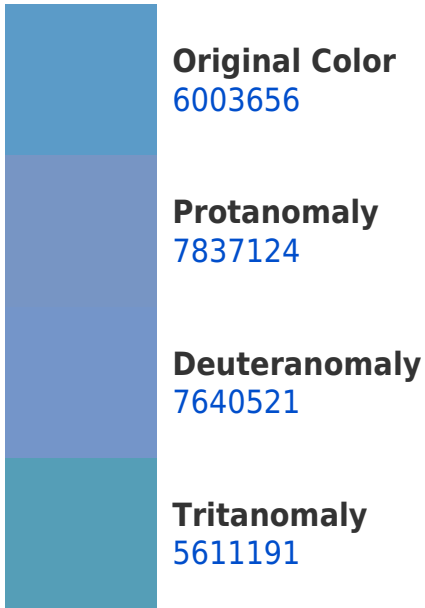
## Dichromacy





**Tritanopia**  
5349549

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6003656 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 #5B9BC8 looks like.

```
.text, #text, p{  
    color:#5B9BC8  
}
```

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 #5B9BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9BC8  
}
```

## Border

The CSS property to change the border of an element to Decimal 6003656 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  
#5B9BC8 }
```

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

```
.border{ border-color:#5B9BC8 }
```

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

Here you see how a box with a 4 pixel #5B9BC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9BC8; -webkit-box-shadow:4px 4px  
4px 4px #5B9BC8; box-shadow:4px 4px 4px  
4px #5B9BC8 }
```

# Background

The CSS property to change the background color of an element to Decimal 6003656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9BC8 }
```

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

```
.background{ background-color:#5B9BC8 }
```

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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