

# Converting Colors

Decimal(6005446)

Have a look what the booklet for  
Decimal(6005446) contains.

<b>Decimal(6005446)</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(6005446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA2C6
RGB	91, 162, 198
RGB Percent	36%, 64%, 78%
CMY	0.6431, 0.3647, 0.2235
CMYK	0.54, 0.18, 0.00, 0.22
HSL	200°, 48%, 57%
HSV	200°, 54%, 78%
XYZ	27.4278, 32.1420, 58.1845
YIQ	144.8750, -53.8720, -3.8560

# Conversions

## Conversions Part 2

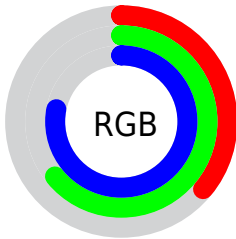
Format	Color
R <sub>Y</sub> B	91, 134, 198
Decimal	6005446
CIE Lab	63.46, -12.09, -25.30
CIE LCh	63, 28.038, 244.457
Yxy	32.1420, 0.2329, 0.2730
Android (android.graphics.Color)	4284195526 (0xFF5BA2C6)
YUV	144.8750, 26.1906, -47.2484
Hunter-Lab	56.6939, -12.8585, -21.1631

# Details

The Decimal color **6005446** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **13008731**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **9755135**, and **1732240** is the 20% darker color. If you saturate the color by 10%, you get **4692934**, and if you desaturate by 10%, it is **7317958**.

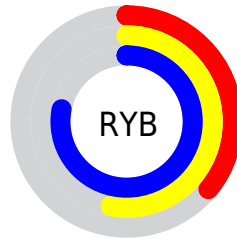
# Distribution



Red (36%)

Green (64%)

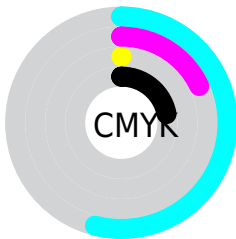
Blue (78%)



Red (36%)

Yellow (53%)

Blue (78%)

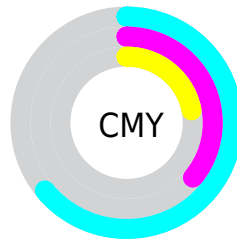


Cyan (54%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (64%)

Magenta (36%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6005446 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 6005446 by changing the saturation by 10% instead.



■ 6005446

■ 6005446

16777215

■ 4032683

■ 9755135

■ 1732240

■ 11662847

■ 22134

■ 13565951

■ 16221

■ 15466495

■ 10566

■ 5423

■ 282

■ 0

■ 6005446

■ 6005446

■ 4692934

■ 7317958

■ 3380678

■ 8630214

■ 2133702

■ 9877190

■ 821190

■ 11189702

■ 33734

■ 12501958

■ 13814470

■ 15126982

■ 16373702

■ 16768710

# Harmonies

## Analogous

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



4826805



6005446



8297419

# Triad

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



6005446



13272983



9281904

# Complementary

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



6005446



13008731

# 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.



11049320



6005446



13273727

# Square

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



6005446



12421808



12423533



7317123

# Rectangle

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



6005446



9934279



12423533



9870956

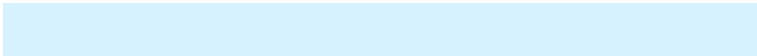


# Sweetspot

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



6005446



14086655



6014591



6780800



0



8421504



# Same Dimension

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



6005446



5883903



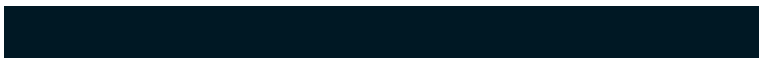
5991878



5922915



27811



6180



# Inverse Universe

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



12999586



16734663



13022299



6511200



10682476



2359320



# Previews

## White Background



This preview shows how the Decimal color 6005446 looks on a white background.

## Color Contrast Check

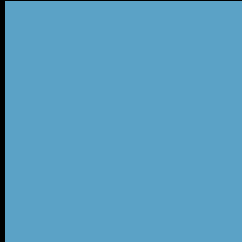
Large Text (above 18pt) WCAG AA × Fail

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 6005446 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

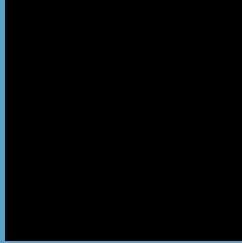
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6005446 Background



This preview shows how black text looks on a background with the Decimal color 6005446.



This preview shows how white text looks on a background with the Decimal color 6005446.

# 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](#).

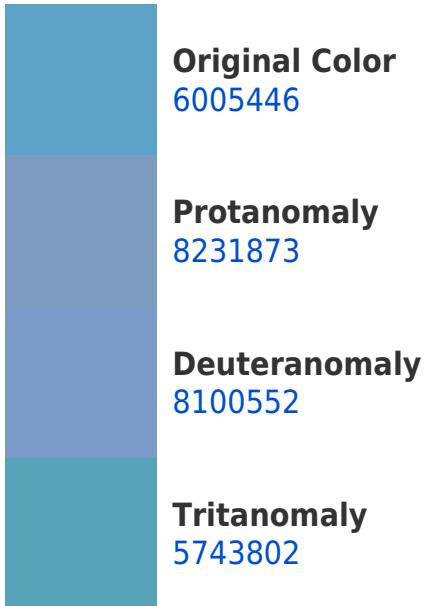
## Dichromacy





**Tritanopia**  
5547443

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6005446 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 #5BA2C6 looks like.

```
.text, #text, p{  
  color:#5BA2C6  
}
```

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 #5BA2C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA2C6
}
```

## Border

The CSS property to change the border of an element to Decimal 6005446 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
#5BA2C6 }
```

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

```
.border{ border-color:#5BA2C6 }
```

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

Here you see how a box with a 4 pixel #5BA2C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA2C6; -webkit-box-shadow:4px 4px  
4px 4px #5BA2C6; box-shadow:4px 4px 4px  
4px #5BA2C6 }
```

# Background

The CSS property to change the background color of an element to Decimal 6005446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA2C6 }
```

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

```
.background{ background-color:#5BA2C6 }
```

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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