

# Converting Colors

Decimal(6194611)

Have a look what the booklet for  
Decimal(6194611) contains.

<b>Decimal(6194611)</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(6194611)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E85B3
RGB	94, 133, 179
RGB Percent	37%, 52%, 70%
CMY	0.6314, 0.4784, 0.2980
CMYK	0.47, 0.26, 0.00, 0.30
HSL	212°, 36%, 54%
HSV	212°, 47%, 70%
XYZ	21.1403, 22.4094, 45.8591
YIQ	126.5830, -38.0100, 6.0380

# Conversions

## Conversions Part 2

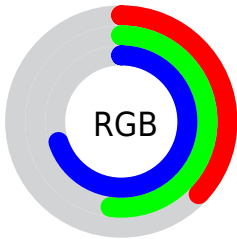
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 121, 179
Decimal	6194611
CIE Lab	54.46, -0.76, -28.44
CIE LCh	54, 28.447, 268.472
Yxy	22.4094, 0.2364, 0.2506
Android (android.graphics.Color)	4284384691 (0xFF5E85B3)
YUV	126.5830, 25.8416, -28.5753
Hunter-Lab	47.3386, -3.1286, -24.2999

# Details

The Decimal color **6194611** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11766878**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **9747179**, and **2577534** is the 20% darker color. If you saturate the color by 10%, you get **5012403**, and if you desaturate by 10%, it is **7376819**.

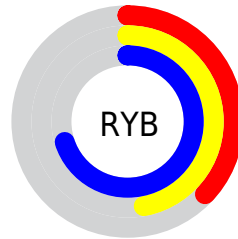
# Distribution



Red (37%)

Green (52%)

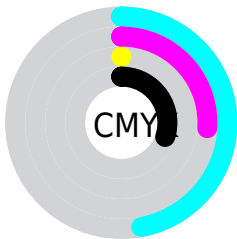
Blue (70%)



Red (37%)

Yellow (47%)

Blue (70%)

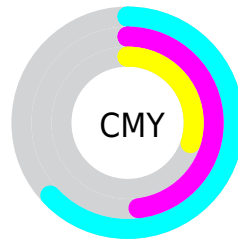


Cyan (47%)

Magenta (26%)

Yellow (0%)

Black (30%)



Cyan (63%)

Magenta (48%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6194611 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 6194611 by changing the saturation by 10% instead.



■ 6194611

■ 6194611

16777215

■ 4418712

■ 9747179

■ 2577534

■ 11589375

■ 15717

■ 13497087

■ 10061

■ 15400959

■ 4918

■ 544

■ 4

■ 0

■ 6194611

■ 6194611

■ 5012403

■ 7376819

■ 3830451

■ 8558771

■ 2648243

■ 9740979

■ 1466035

■ 10923187

■ 349619

■ 12105139

■ 21171

■ 13221811

■ 14404019

■ 15585971

■ 16768179

# Harmonies

## Analogous

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



3706027



6194611



8682669

# Triad

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



6194611



11694444



6196584

# Complementary

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



6194611



11766878

# 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.



8095830



6194611



11040857

# Square

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



6194611



11563140



9732177



4165504

# Rectangle

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



6194611



9992099



9732177



6851681



# Sweetspot

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



6194611



13162216



6206347



6384501



16119285



7697781



# Same Dimension

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



6194611



6594792



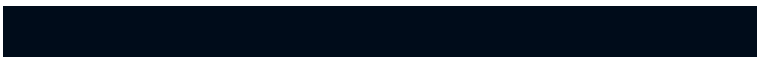
6381235



5264473



18073



3098



# Inverse Universe

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



11755141



15230112



11580254



5853268



10027078



1703948



# Previews

## White Background



This preview shows how the Decimal color 6194611 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 6194611 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

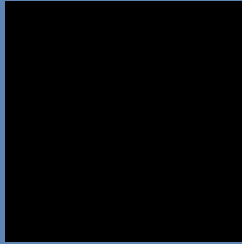
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

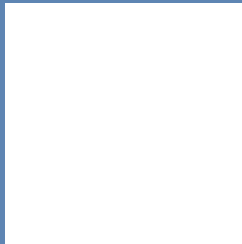
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6194611 Background



This preview shows how black text looks on a background with the Decimal color 6194611.



This preview shows how white text looks on a background with the Decimal color 6194611.

# 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**  
5606038

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6194611 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 #5E85B3 looks like.

```
.text, #text, p{  
    color:#5E85B3  
}
```

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 #5E85B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E85B3
}
```

## Border

The CSS property to change the border of an element to Decimal 6194611 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
#5E85B3 }
```

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

```
.border{ border-color:#5E85B3 }
```

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

Here you see how a box with a 4 pixel #5E85B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E85B3; -webkit-box-shadow:4px 4px  
4px 4px #5E85B3; box-shadow:4px 4px 4px  
4px #5E85B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 6194611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E85B3 }
```

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

```
.background{ background-color:#5E85B3 }
```

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