

# Converting Colors

Decimal(1800117)

Have a look what the booklet for  
Decimal(1800117) contains.

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# Color

**Decimal(1800117)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1B77B5
RGB	27, 119, 181
RGB Percent	11%, 47%, 71%
CMY	0.8941, 0.5333, 0.2902
CMYK	0.85, 0.34, 0.00, 0.29
HSL	204°, 74%, 41%
HSV	204°, 85%, 71%
XYZ	15.3893, 16.7629, 46.1405
YIQ	98.5600, -74.7340, -0.2220

# Conversions

## Conversions Part 2

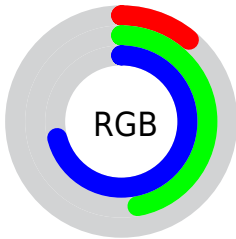
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 85, 181
Decimal	1800117
CIE <sub>Lab</sub>	47.96, -3.17, -39.95
CIE <sub>LCh</sub>	48, 40.073, 265.463
Yxy	16.7629, 0.1966, 0.2141
Android (android.graphics.Color)	4279990197 (0xFF1B77B5)
YUV	98.5600, 40.6429, -62.7581
Hunter-Lab	40.9425, -4.5554, -38.1577

# Details

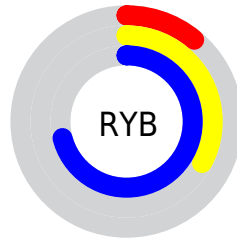
The Decimal color **1800117** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **11884827**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **6597613**, and **18304** is the 20% darker color. If you saturate the color by 10%, you get **618677**, and if you desaturate by 10%, it is **2981557**.

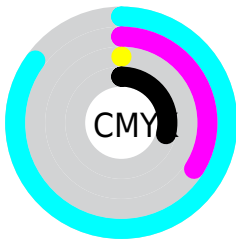
# Distribution



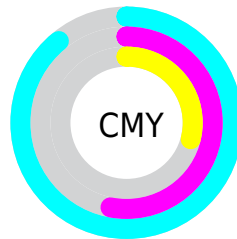
- Red (11%)
- Green (47%)
- Blue (71%)



- Red (11%)
- Yellow (33%)
- Blue (71%)



- Cyan (85%)
- Magenta (34%)
- Yellow (0%)
- Black (29%)



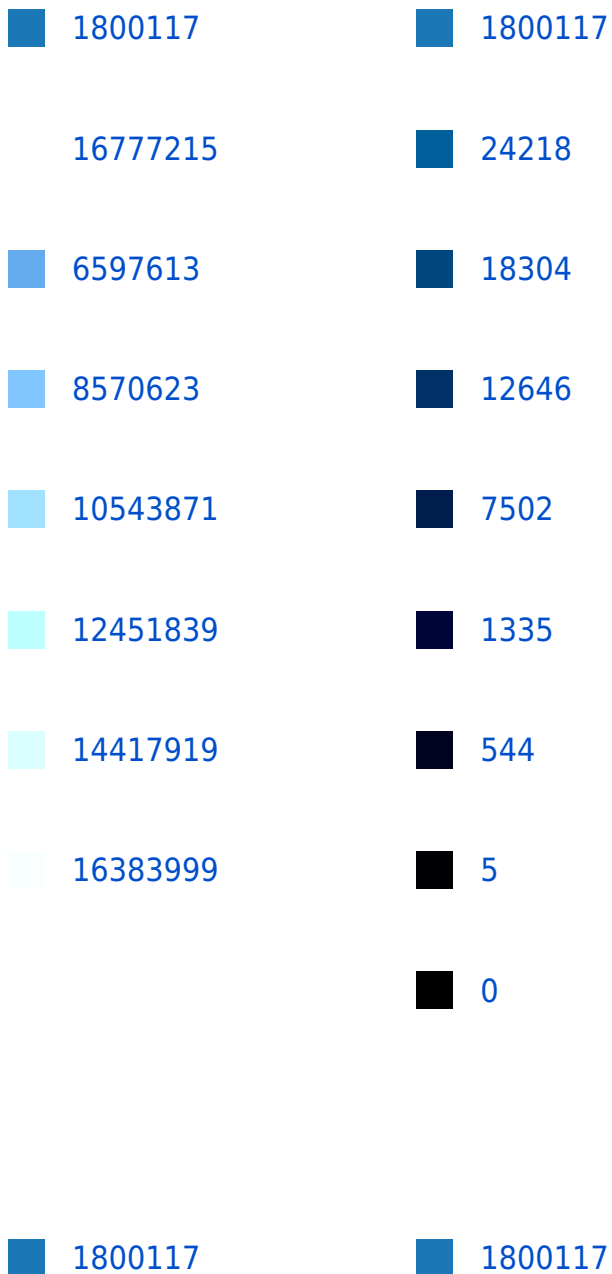
- Cyan (89%)
- Magenta (53%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1800117 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 1800117 by changing the saturation by 10% instead.





■ 618677

■ 2981557

■ 27829

■ 4163253

■ 5344693

■ 6526133

■ 7773109

■ 8954805

■ 10136245

■ 11317685

■ 12499381

# Harmonies

## Analogous

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



32681



1800117



7039919

# Triad

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



1800117



11556695



4161354

# Complementary

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



1800117



11884827

# 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.



6912306



1800117



10707515

# Square

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



1800117



11359608



9072172



33387

# Rectangle

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



1800117



9134754



9072172



5143872



# Sweetspot

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



1800117



11457259



1815897



5334901



16119285



7697781



# Same Dimension

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



1800117



36075



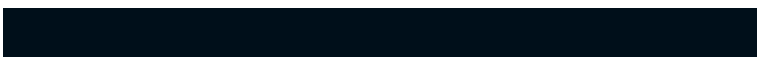
1780405



5264985



23449



3866



# Inverse Universe

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



11869047



15401100



11904539



5853270



10027099



1703951



# Previews

## White Background



This preview shows how the Decimal color 1800117 looks on a white 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

# Black Background



This preview shows how the Decimal color 1800117 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

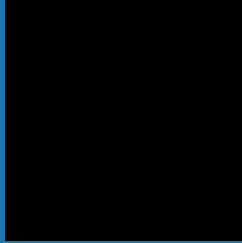
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1800117 Background



This preview shows how black text looks on a background with the Decimal color 1800117.



This preview shows how white text looks on a background with the Decimal color 1800117.

# 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**  
32391

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1800117 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 #1B77B5 looks like.

```
.text, #text, p{  
  color:#1B77B5  
}
```

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 #1B77B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B77B5
}
```

## Border

The CSS property to change the border of an element to Decimal 1800117 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
#1B77B5 }
```

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

```
.border{ border-color:#1B77B5 }
```

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

Here you see how a box with a 4 pixel #1B77B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B77B5; -webkit-box-shadow:4px 4px  
4px 4px #1B77B5; box-shadow:4px 4px 4px  
4px #1B77B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 1800117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B77B5 }
```

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

```
.background{ background-color:#1B77B5 }
```

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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