

# Converting Colors

Decimal(1864165)

Have a look what the booklet for  
Decimal(1864165) contains.

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# Color

**Decimal(1864165)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C71E5
RGB	28, 113, 229
RGB Percent	11%, 44%, 90%
CMY	0.8902, 0.5569, 0.1020
CMYK	0.88, 0.51, 0.00, 0.10
HSL	215°, 79%, 50%
HSV	215°, 88%, 90%
XYZ	20.5269, 17.7143, 76.4661
YIQ	100.8090, -87.8960, 18.0560

# Conversions

## Conversions Part 2

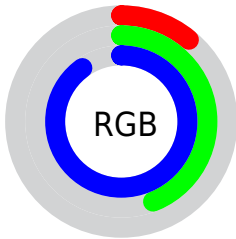
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 88, 229
Decimal	1864165
CIE <sub>Lab</sub>	49.15, 19.17, -65.45
CIE <sub>LCh</sub>	49, 68.201, 286.329
Yxy	17.7143, 0.1790, 0.1544
Android (android.graphics.Color)	4280054245 (0xFF1C71E5)
YUV	100.8090, 63.1982, -63.8535
Hunter-Lab	42.0883, 13.4016, -78.2562

# Details

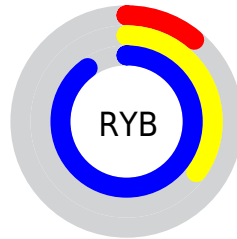
The Decimal color **1864165** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **15044636**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **7382271**, and **17069** is the 20% darker color. If you saturate the color by 10%, you get **353509**, and if you desaturate by 10%, it is **3374821**.

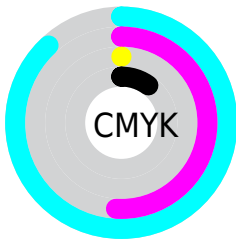
# Distribution



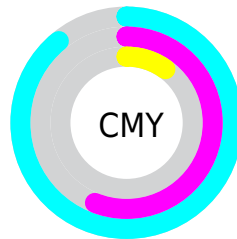
- Red (11%)
- Green (44%)
- Blue (90%)



- Red (11%)
- Yellow (35%)
- Blue (90%)



- Cyan (88%)
- Magenta (51%)
- Yellow (0%)
- Black (10%)



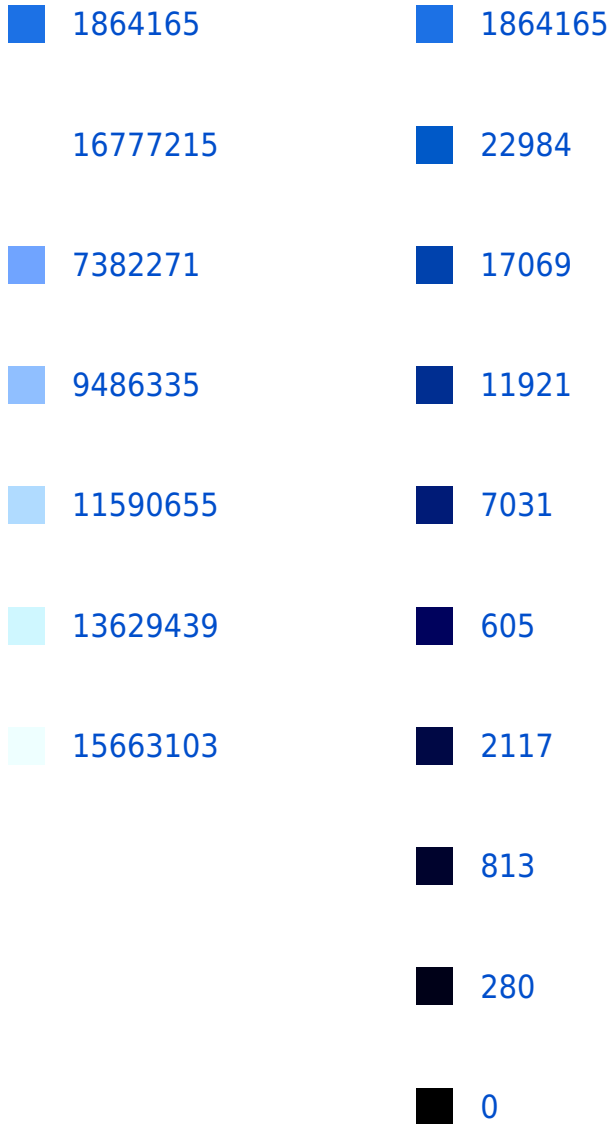
- Cyan (89%)
- Magenta (56%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1864165 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 1864165 by changing the saturation by 10% instead.





■ 1864165

■ 1864165

■ 353509

■ 3374821

■ 25061

■ 4885477

■ 6396389

■ 7907045

■ 9417701

■ 10862821

■ 12373733

■ 13884389

■ 15395045

# Harmonies

## Analogous

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



33766



1864165



10311110

# Triad

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



1864165



13126944



36183

# Complementary

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



1864165



15044636

# 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.



2131736



1864165



10709248

# Square

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



1864165



14233944



7371776



36500

# Rectangle

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



1864165



12730276



7371776



35651

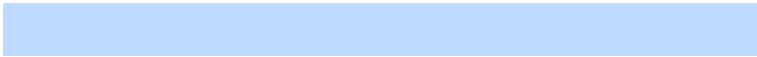


# Sweetspot

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



1864165



12442111



1893774



5794176



0



8421504



# Same Dimension

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



1864165



27903



2694373



6777971



19379



5683



# Inverse Universe

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



15015025



16711788



14214428



7563116



11731019



3342358



# Previews

## White Background



This preview shows how the Decimal color 1864165 looks on a white background.

## Color Contrast Check

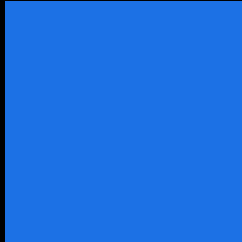
Large Text (above 18pt) WCAG AA ✓ Pass

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 1864165 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

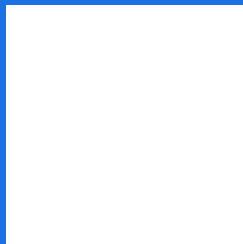
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 1864165 Background



This preview shows how black text looks on a background with the Decimal color 1864165.

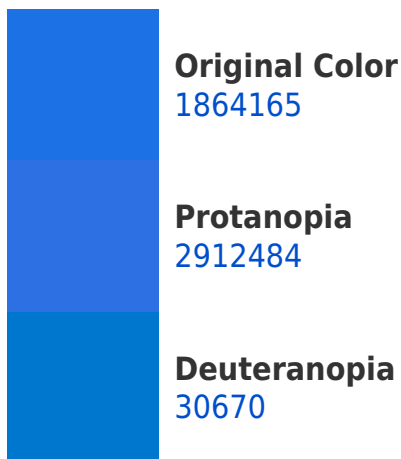


This preview shows how white text looks on a background with the Decimal color 1864165.

# 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](#).

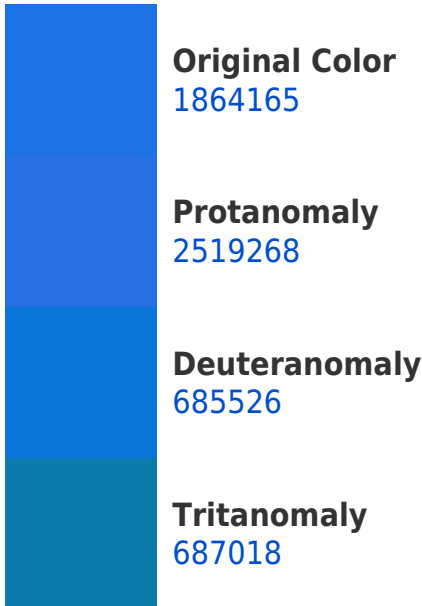
## Dichromacy





**Tritanopia**  
33161

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1864165 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 #1C71E5 looks like.

```
.text, #text, p{  
  color:#1C71E5  
}
```

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 #1C71E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C71E5
}
```

## Border

The CSS property to change the border of an element to Decimal 1864165 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
#1C71E5 }
```

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

```
.border{ border-color:#1C71E5 }
```

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

Here you see how a box with a 4 pixel #1C71E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C71E5; -webkit-box-shadow:4px 4px  
4px 4px #1C71E5; box-shadow:4px 4px 4px  
4px #1C71E5 }
```

# Background

The CSS property to change the background color of an element to Decimal 1864165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C71E5 }
```

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

```
.background{ background-color:#1C71E5 }
```

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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