

# Converting Colors

Decimal(417716)

Have a look what the booklet for  
Decimal(417716) contains.

<b>Decimal(417716)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(417716)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	065FB4
RGB	6, 95, 180
RGB Percent	2%, 37%, 71%
CMY	0.9765, 0.6275, 0.2941
CMYK	0.97, 0.47, 0.00, 0.29
HSL	209°, 94%, 36%
HSV	209°, 97%, 71%
XYZ	12.4055, 11.5184, 44.7495
YIQ	78.0790, -80.3290, 7.5670

# Conversions

## Conversions Part 2

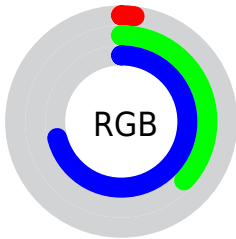
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">6, 65, 180</a>
Decimal	<a href="#">417716</a>
CIELab	<a href="#">40.44, 10.35, -51.39</a>
CIELCh	<a href="#">40, 52.419, 281.388</a>
Yxy	<a href="#">11.5184, 0.1806, 0.1677</a>
Android (android.graphics.Color)	<a href="#">4278607796 (0xFF065FB4)</a>
YUV	<a href="#">78.0790, 50.2471, -63.2133</a>
Hunter-Lab	<a href="#">33.9388, 5.8536, -54.4187</a>

# Details

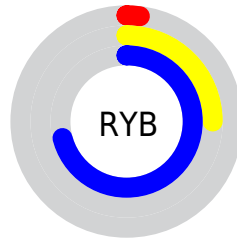
The Decimal color **417716** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **11819782**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **6132204**, and **12926** is the 20% darker color. If you saturate the color by 10%, you get **23732**, and if you desaturate by 10%, it is **1599668**.

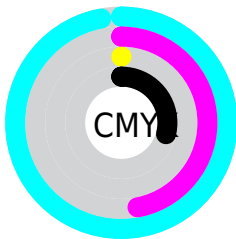
# Distribution



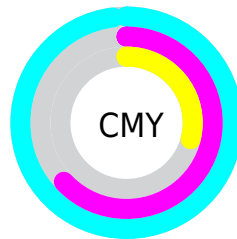
- Red (2%)
- Green (37%)
- Blue (71%)



- Red (2%)
- Yellow (25%)
- Blue (71%)



- Cyan (97%)
- Magenta (47%)
- Yellow (0%)
- Black (29%)




















- Cyan (98%)
- Magenta (63%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 417716 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 417716 by changing the saturation by 10% instead.



 417716	 417716
 16777215	 18585
 6132204	 12926
 8170495	 7781
 10143487	 844
 12116735	 1333
 14090239	 542
 16056319	 1
	 0

 417716

 417716

■ 23732

■ 1599668

■ 2781620

■ 3963316

■ 5145268

■ 6327220

■ 7509172

■ 8691124

■ 9872820

■ 11054772

# Harmonies

## Analogous

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



27569



417716



7687328

# Triad

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



417716



10633256



28994

# Complementary

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



417716



11819782

# 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.



3370007



417716



8999680

# Square

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



417716



11219281



6578944



29551

# Rectangle

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



417716



9715337



6578944



28724



# Sweetspot

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



417716



10996203



439386



5005685



16119285



7697781



# Same Dimension

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



417716



30955



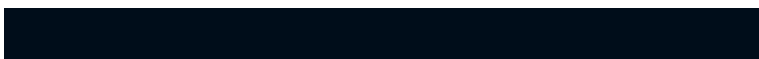
395700



5264729



20121



3354



# Inverse Universe

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



11798111



15401080



11841798



5853269



10027086



1703949



# Previews

## White Background



This preview shows how the Decimal color 417716 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 417716 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

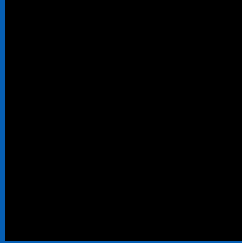
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 417716 Background



This preview shows how black text looks on a background with the Decimal color 417716.




This preview shows how white text looks on a background with the Decimal color 417716.

# 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](#).

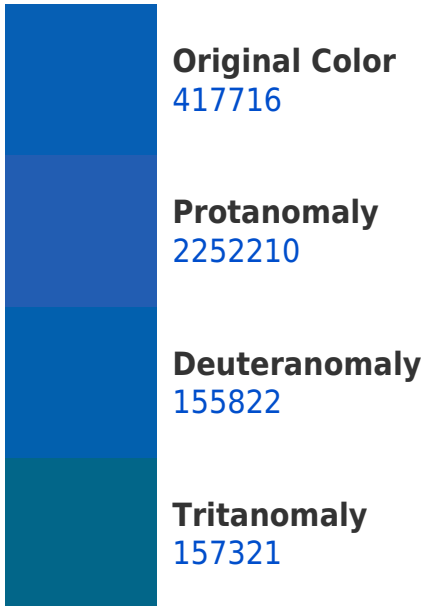
## Dichromacy





**Tritanopia**  
27249

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 417716 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 #065FB4 looks like.

```
.text, #text, p{  
    color:#065FB4  
}
```

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 #065FB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065FB4
}
```

## Border

The CSS property to change the border of an element to Decimal 417716 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
#065FB4 }
```

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

```
.border{ border-color:#065FB4 }
```

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

Here you see how a box with a 4 pixel #065FB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065FB4; -webkit-box-shadow:4px 4px  
4px 4px #065FB4; box-shadow:4px 4px 4px  
4px #065FB4 }
```

# Background

The CSS property to change the background color of an element to Decimal 417716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065FB4 }
```

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

```
.background{ background-color:#065FB4 }
```

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