

# Converting Colors

Decimal(3631857)

Have a look what the booklet for  
Decimal(3631857) contains.

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# Color

**Decimal(3631857)**

# Conversions

## Conversions Part 1

Format	Color
Hex	376AF1
RGB	55, 106, 241
RGB Percent	22%, 42%, 95%
CMY	0.7843, 0.5843, 0.0549
CMYK	0.77, 0.56, 0.00, 0.05
HSL	224°, 87%, 58%
HSV	224°, 77%, 95%
XYZ	22.6068, 17.4712, 85.3999
YIQ	106.1410, -73.7310, 31.1730

# Conversions

## Conversions Part 2

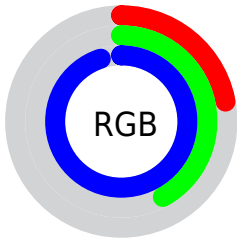
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 95, 241
Decimal	3631857
CIELab	48.85, 30.27, -72.64
CIELCh	49, 78.692, 292.626
Yxy	17.4712, 0.1802, 0.1392
Android (android.graphics.Color)	4281821937 (0xFF376AF1)
YUV	106.1410, 66.4855, -44.8507
Hunter-Lab	41.7985, 23.3945, -91.8783

# Details

The Decimal color **3631857** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **15842871**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **8429055**, and **15544** is the 20% darker color. If you saturate the color by 10%, you get **2054641**, and if you desaturate by 10%, it is **5209073**.

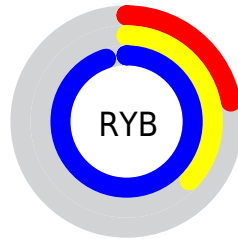
# Distribution



Red (22%)

Green (42%)

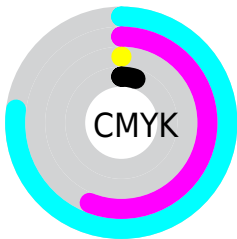
Blue (95%)



Red (22%)

Yellow (37%)

Blue (95%)

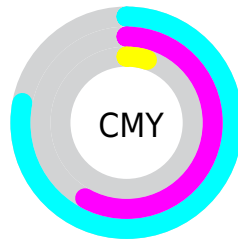


Cyan (77%)

Magenta (56%)

Yellow (0%)

Black (5%)



Cyan (78%)

Magenta (58%)
















Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3631857 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 3631857 by changing the saturation by 10% instead.



 3631857	 3631857
16777215	 21204
 8429055	 15544
 10532863	 10140
 12571647	 5761
 14675967	 103
16711679	 2638
	 1334
	 544
	 4

■ 3631857

■ 3631857

■ 2054641

■ 5209073

■ 477169

■ 6786545

■ 17137

■ 8363761

■ 9941233

■ 11518449

■ 13161457

■ 14738673

■ 16316145

■ 16777201

# Harmonies

## Analogous

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



33530



3631857



11617222

# Triad

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



3631857



13191936



36705

# Complementary

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



3631857



15842871

# 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.



35347



3631857



10185728

# Square

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



3631857



14882886



6127360



37030

# Rectangle

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



3631857



13967006



6127360



36425



# Sweetspot

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



3631857



12899583



3666364



6055552



0



8421504



# Same Dimension

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



3631857



1201151



6240241



7106424



12984



3896



# Inverse Universe

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



15808362



16716371



13234487



7892079



12058674



3670031



# Previews

## White Background



This preview shows how the Decimal color 3631857 looks on a white background.

## Color Contrast Check

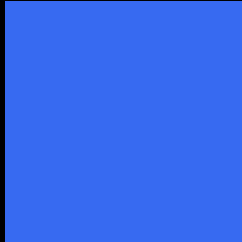
Large Text (above 18pt) WCAG AA ✓ Pass

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 3631857 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

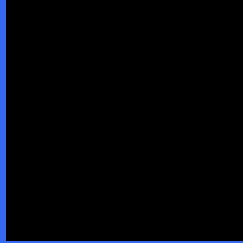
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3631857 Background



This preview shows how black text looks on a background with the Decimal color 3631857.



This preview shows how white text looks on a background with the Decimal color 3631857.

# 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](#).

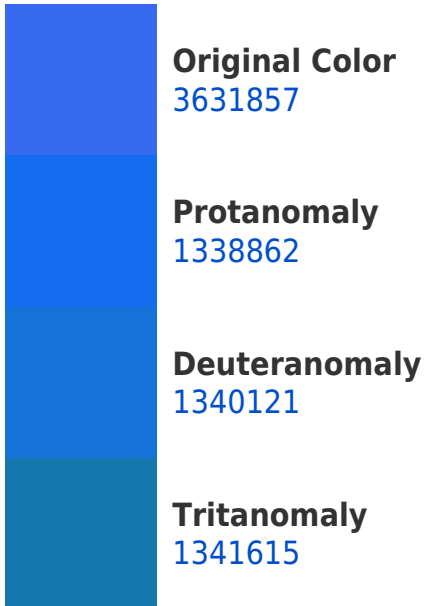
## Dichromacy





**Tritanopia**  
32905

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3631857 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 #376AF1 looks like.

```
.text, #text, p{  
    color:#376AF1  
}
```

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 #376AF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #376AF1
}
```

## Border

The CSS property to change the border of an element to Decimal 3631857 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
#376AF1 }
```

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

```
.border{ border-color:#376AF1 }
```

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

Here you see how a box with a 4 pixel #376AF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #376AF1; -webkit-box-shadow:4px 4px  
4px 4px #376AF1; box-shadow:4px 4px 4px  
4px #376AF1 }
```

# Background

The CSS property to change the background color of an element to Decimal 3631857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#376AF1 }
```

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

```
.background{ background-color:#376AF1 }
```

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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