

# Converting Colors

Decimal(6576869)

Have a look what the booklet for  
Decimal(6576869) contains.

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# Color

**Decimal(6576869)**

# Conversions

## Conversions Part 1

Format	Color
Hex	645AE5
RGB	100, 90, 229
RGB Percent	39%, 35%, 90%
CMY	0.6078, 0.6471, 0.1020
CMYK	0.56, 0.61, 0.00, 0.10
HSL	244°, 73%, 63%
HSV	244°, 61%, 90%
XYZ	23.0546, 15.6788, 75.9399
YIQ	108.8360, -38.6590, 45.3490

# Conversions

## Conversions Part 2

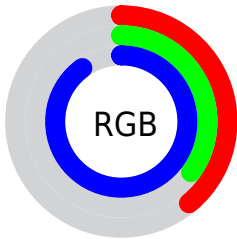
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 90, 229
Decimal	6576869
CIE <sub>Lab</sub>	46.55, 42.21, -69.52
CIE <sub>LCh</sub>	47, 81.331, 301.265
Yxy	15.6788, 0.2010, 0.1367
Android (android.graphics.Color)	4284766949 (0xFF645AE5)
YUV	108.8360, 59.2409, -7.7492
Hunter-Lab	39.5965, 34.6356, -85.9916

# Details

The Decimal color **6576869** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **14411098**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **10587647**, and **1584044** is the 20% darker color. If you saturate the color by 10%, you get **5194725**, and if you desaturate by 10%, it is **7959013**.

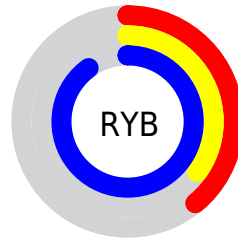
# Distribution



Red (39%)

Green (35%)

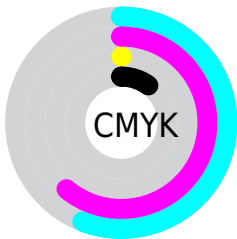
Blue (90%)



Red (39%)

Yellow (35%)

Blue (90%)

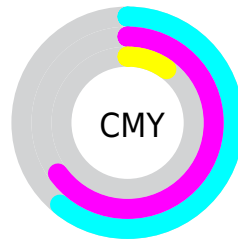


Cyan (56%)

Magenta (61%)

Yellow (0%)

Black (10%)



Cyan (61%)

Magenta (65%)


















Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6576869 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 6576869 by changing the saturation by 10% instead.



 6576869	 6576869
 16777215	 4408008
 10587647	 1584044
 12560383	 5777
 14533631	 887
 16506879	 93
 16776447	 2116
	 813
	 279
	 0

■ 6576869

■ 6576869

■ 5194725

■ 7959013

■ 3747045

■ 9406693

■ 2364901

■ 10788837

■ 1048805

■ 12170981

■ 13552869

■ 15000549

■ 16382693

■ 16777189

# Harmonies

## Analogous

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



30713



6576869



12527537

# Triad

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



6576869



12078848



35439

# Complementary

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



6576869



14411098

# 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.



34340



6576869



8678656

# Square

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



6576869



14292780



3964416



35508

# Rectangle

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



6576869



14286981



3964416



35159



# Sweetspot

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



6576869



13947391



5954789



6644608



0



8421504



# Same Dimension

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



6576869



5391871



11098853



6842227



852147



262195



# Inverse Universe

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



15031003



16729586



9889114



7563122



11731110

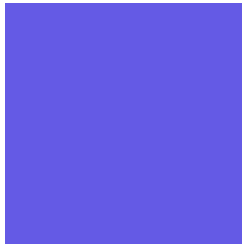


3342383



# Previews

## White Background



This preview shows how the Decimal color 6576869 looks on a white background.

## Color Contrast Check

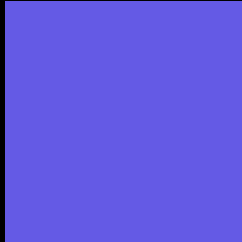
Large Text (above 18pt) WCAG AA ✓ Pass

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 6576869 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

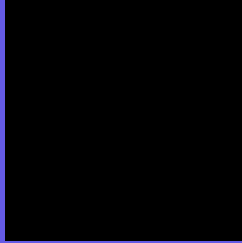
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6576869 Background



This preview shows how black text looks on a background with the Decimal color 6576869.

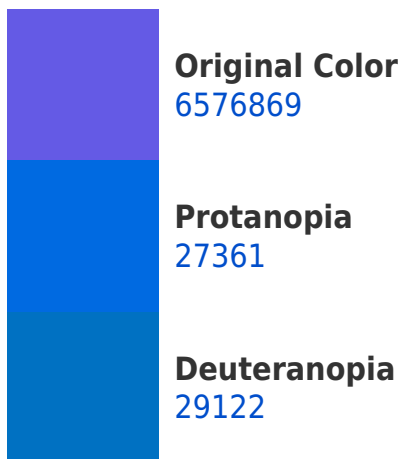



This preview shows how white text looks on a background with the Decimal color 6576869.

# 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](#).

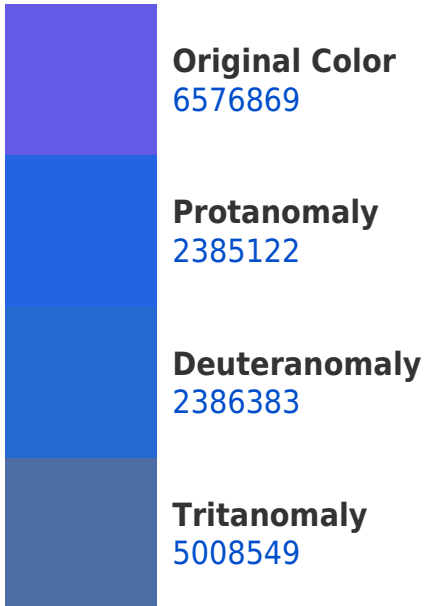
## Dichromacy





**Tritanopia**  
4093568

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6576869 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 #645AE5 looks like.

```
.text, #text, p{  
  color:#645AE5  
}
```

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 #645AE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645AE5
}
```

## Border

The CSS property to change the border of an element to Decimal 6576869 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
#645AE5 }
```

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

```
.border{ border-color:#645AE5 }
```

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

Here you see how a box with a 4 pixel #645AE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645AE5; -webkit-box-shadow:4px 4px  
4px 4px #645AE5; box-shadow:4px 4px 4px  
4px #645AE5 }
```

# Background

The CSS property to change the background color of an element to Decimal 6576869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645AE5 }
```

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

```
.background{ background-color:#645AE5 }
```

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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