

# Converting Colors

Decimal(6639587)

Have a look what the booklet for  
Decimal(6639587) contains.

<b>Decimal(6639587)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6639587)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	654FE3
RGB	101, 79, 227
RGB Percent	40%, 31%, 89%
CMY	0.6039, 0.6902, 0.1098
CMYK	0.56, 0.65, 0.00, 0.11
HSL	249°, 73%, 60%
HSV	249°, 65%, 89%
XYZ	22.0279, 13.9047, 74.1959
YIQ	102.4500, -34.3960, 50.6920

# Conversions

## Conversions Part 2

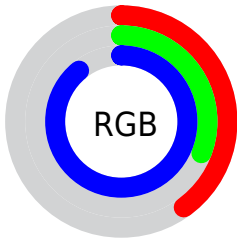
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	101, 79, 227
Decimal	6639587
CIE Lab	44.10, 48.09, -72.38
CIE LCh	44, 86.902, 303.600
Yxy	13.9047, 0.2000, 0.1263
Android (android.graphics.Color)	4284829667 (0xFF654FE3)
YUV	102.4500, 61.4031, -1.2717
Hunter-Lab	37.2890, 40.1904, -91.8701

# Details

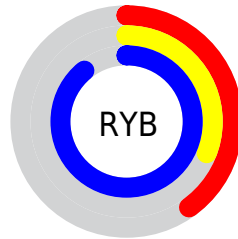
The Decimal color **6639587** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **13493071**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **10650367**, and **1646506** is the 20% darker color. If you saturate the color by 10%, you get **5388515**, and if you desaturate by 10%, it is **7890659**.

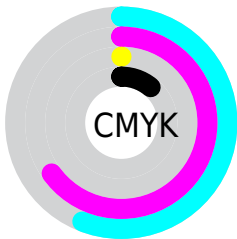
# Distribution



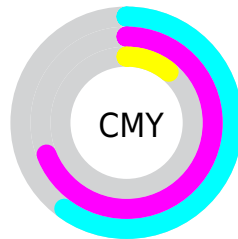
- Red (40%)
- Green (31%)
- Blue (89%)



- Red (40%)
- Yellow (31%)
- Blue (89%)



- Cyan (56%)
- Magenta (65%)
- Yellow (0%)
- Black (11%)



- Cyan (60%)
- Magenta (69%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6639587 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 6639587 by changing the saturation by 10% instead.



■ 6639587

■ 6639587

16777215

■ 4470726

■ 10650367

■ 1646506

■ 12623103

■ 1935

■ 14596095

■ 117

■ 16634879

■ 91

■ 16773375

■ 1858

■ 811

■ 277

■ 0

■ 6639587

■ 6639587

■ 5388515

■ 7890659

■ 4072163

■ 9207011

■ 2821091

■ 10458083

■ 2228451

■ 11709155

■ 13025763

■ 14276579

■ 15527651

■ 16777187

# Harmonies

## Analogous

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



28924



6639587



12648618

# Triad

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



6639587



11553024



33903

# Complementary

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



6639587



13493071

# 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.



33055



6639587



7891200

# Square

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



6639587



14024732



2259200



33976

# Rectangle

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



6639587



14286971



2259200



33622



# Sweetspot

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



6639587



13946111



5230563



6644096



0



8421504



# Same Dimension

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



6639587



5650687



11358179



6907763



1769651



524339



# Inverse Universe

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



14897101



16726241



8774479



7563121



11731096

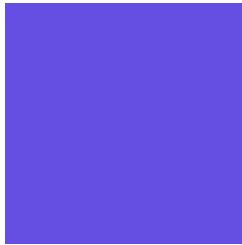


3342379



# Previews

## White Background



This preview shows how the Decimal color 6639587 looks on a white background.

## Color Contrast Check

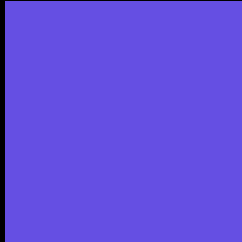
Large Text (above 18pt) WCAG AA ✓ Pass

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 6639587 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 6639587 Background



This preview shows how black text looks on a background with the Decimal color 6639587.



This preview shows how white text looks on a background with the Decimal color 6639587.

# 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**  
4091768

# Trichromacy



**Original Color**  
6639587



**Protanomaly**  
2448601



**Deuteranomaly**  
2449863



**Tritanomaly**  
5006239

# Monochromacy



**Original Color**  
6639587



**Achromatopsia**  
6710886



**Achromatomaly**  
6708883

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6639587 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 #654FE3 looks like.

```
.text, #text, p{  
    color:#654FE3  
}
```

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 #654FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #654FE3
}
```

## Border

The CSS property to change the border of an element to Decimal 6639587 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
#654FE3 }
```

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

```
.border{ border-color:#654FE3 }
```

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

Here you see how a box with a 4 pixel #654FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #654FE3; -webkit-box-shadow:4px 4px  
4px 4px #654FE3; box-shadow:4px 4px 4px  
4px #654FE3 }
```

# Background

The CSS property to change the background color of an element to Decimal 6639587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#654FE3 }
```

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

```
.background{ background-color:#654FE3 }
```

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