

# Converting Colors

Decimal(6521327)

Have a look what the booklet for  
Decimal(6521327) contains.

<b>Decimal(6521327)</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(6521327)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6381EF
RGB	99, 129, 239
RGB Percent	39%, 51%, 94%
CMY	0.6118, 0.4941, 0.0627
CMYK	0.59, 0.46, 0.00, 0.06
HSL	227°, 81%, 66%
HSV	227°, 59%, 94%
XYZ	28.5758, 24.5852, 84.9007
YIQ	132.5700, -53.1900, 27.8500

# Conversions

## Conversions Part 2

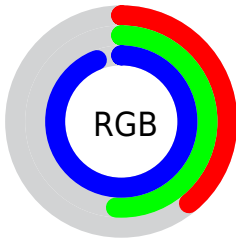
Format	Color
R <sub>Y</sub> B	99, 124, 239
Decimal	6521327
CIE Lab	56.67, 21.73, -58.79
CIE LCh	57, 62.679, 290.284
Yxy	24.5852, 0.2070, 0.1781
Android (android.graphics.Color)	4284711407 (0xFF6381EF)
YUV	132.5700, 52.4700, -29.4409
Hunter-Lab	49.5834, 16.1018, -66.8126

# Details

The Decimal color **6521327** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **15716707**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **10467071**, and **1462454** is the 20% darker color. If you saturate the color by 10%, you get **4943599**, and if you desaturate by 10%, it is **8099055**.

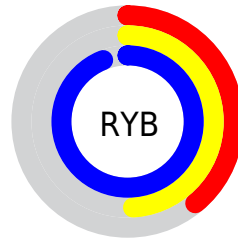
# Distribution



Red (39%)

Green (51%)

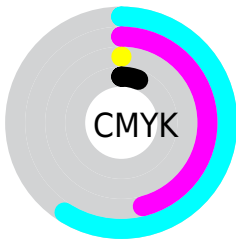
Blue (94%)



Red (39%)

Yellow (49%)

Blue (94%)

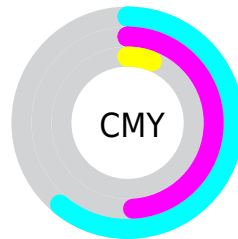


Cyan (59%)

Magenta (46%)

Yellow (0%)

Black (6%)



Cyan (61%)

Magenta (49%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6521327 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 6521327 by changing the saturation by 10% instead.



■ 6521327

■ 6521327

16777215

■ 4352210

■ 10467071

■ 1462454

■ 12440063

■ 15003

■ 14413311

■ 9600

■ 16449535

■ 4966

■ 1102

■ 1334

■ 544

■ 3

■ 6521327

■ 6521327

■ 4943599

■ 8099055

■ 3365871

■ 9676783

■ 1788399

■ 11254255

■ 210671

■ 12831983

■ 13295

■ 14344175

■ 15921903

■ 16777199

# Harmonies

## Analogous

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



37876



6521327



12085454

# Triad

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



6521327



14116916



41076

# Complementary

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



6521327



15716707

# 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.



3644221



6521327



11632388

# Square

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



6521327



15291493



8359945



41388

# Rectangle

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



6521327



14113198



8359945



40801



# Sweetspot

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



6521327



13753343



6549457



6515072



0



8421504



# Same Dimension

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



6521327



5075967



9135087



7106168



10168



3128



# Inverse Universe

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



15688577



16731507



13102947



7892078



12058663

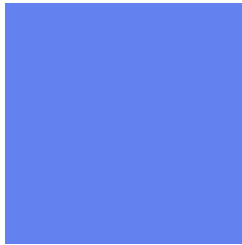


3670028



# Previews

## White Background



This preview shows how the Decimal color 6521327 looks on a white 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

# Black Background



This preview shows how the Decimal color 6521327 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

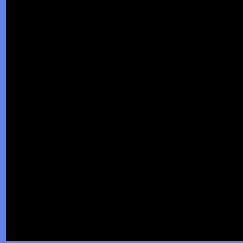
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6521327 Background



This preview shows how black text looks on a background with the Decimal color 6521327.




This preview shows how white text looks on a background with the Decimal color 6521327.

# 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](#).

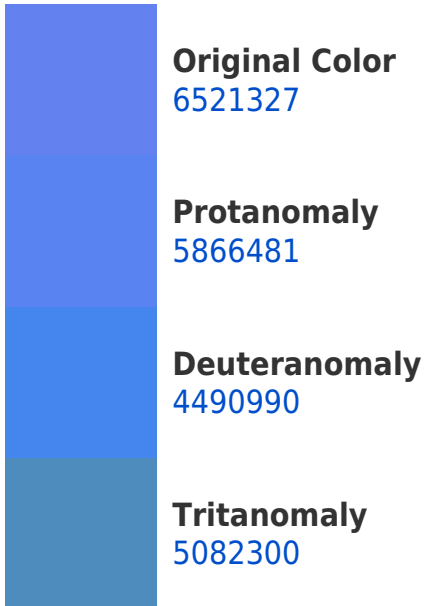
## Dichromacy





**Tritanopia**  
4297631

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6521327 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 #6381EF looks like.

```
.text, #text, p{  
    color:#6381EF  
}
```

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 #6381EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6381EF
}
```

## Border

The CSS property to change the border of an element to Decimal 6521327 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
#6381EF }
```

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

```
.border{ border-color:#6381EF }
```

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

Here you see how a box with a 4 pixel #6381EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6381EF; -webkit-box-shadow:4px 4px  
4px 4px #6381EF; box-shadow:4px 4px 4px  
4px #6381EF }
```

# Background

The CSS property to change the background color of an element to Decimal 6521327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6381EF }
```

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

```
.background{ background-color:#6381EF }
```

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