

# Converting Colors

Decimal(6524402)

Have a look what the booklet for  
Decimal(6524402) contains.

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# **Color**

**Decimal(6524402)**

# Conversions

## Conversions Part 1

Format	Color
Hex	638DF2
RGB	99, 141, 242
RGB Percent	39%, 55%, 95%
CMY	0.6118, 0.4471, 0.0510
CMYK	0.59, 0.42, 0.00, 0.05
HSL	222°, 85%, 67%
HSV	222°, 59%, 95%
XYZ	30.6975, 28.1132, 87.8129
YIQ	139.9560, -57.4530, 22.5070

# Conversions

## Conversions Part 2

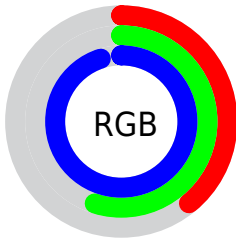
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 131, 242
Decimal	6524402
CIE Lab	59.99, 15.50, -55.15
CIE LCh	60, 57.283, 285.703
Yxy	28.1132, 0.2094, 0.1917
Android (android.graphics.Color)	4284714482 (0xFF638DF2)
YUV	139.9560, 50.3077, -35.9184
Hunter-Lab	53.0219, 10.5558, -61.0785

# Details

The Decimal color **6524402** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **15911011**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **10470143**, and **1465529** is the 20% darker color. If you saturate the color by 10%, you get **4947186**, and if you desaturate by 10%, it is **8101618**.

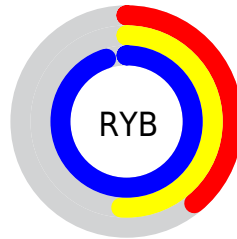
# Distribution



Red (39%)

Green (55%)

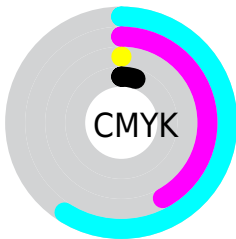
Blue (95%)



Red (39%)

Yellow (51%)

Blue (95%)

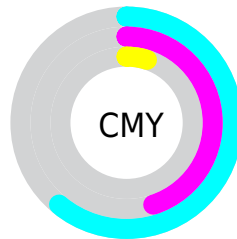


Cyan (59%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (61%)

Magenta (45%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6524402 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 6524402 by changing the saturation by 10% instead.



■ 6524402

■ 6524402

16777215

■ 4355285

■ 10470143

■ 1465529

■ 12443391

■ 17822

■ 14416639

■ 12163

■ 16449535

■ 7273

■ 81

■ 1337

■ 546

■ 8

■ 6524402

■ 6524402

■ 4947186

■ 8101618

■ 3369970

■ 9678834

■ 1727218

■ 11321586

■ 150002

■ 12898802

■ 18418

■ 14476018

■ 16053490

■ 16777202

# Harmonies

## Analogous

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



40434



6524402



11892952

# Triad

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



6524402



14709066



42870

# Complementary

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



6524402



15911011

# 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.



5742918



6524402



12551464

# Square

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



6524402



15557240



9606693



43434

# Rectangle

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



6524402



13986491



9606693



42597



# Sweetspot

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



6524402



13754367



6550215



6515840



0



8421504



# Same Dimension

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



6524402



4882431



8414194



7106424



14008



4152



# Inverse Universe

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



15885197



16730751



14021219



7892079



12058678



3670032



# Previews

## White Background



This preview shows how the Decimal color 6524402 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 6524402 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 6524402 Background



This preview shows how black text looks on a background with the Decimal color 6524402.

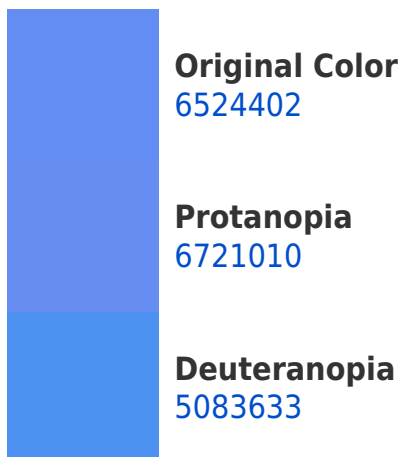



This preview shows how white text looks on a background with the Decimal color 6524402.

# 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](#).

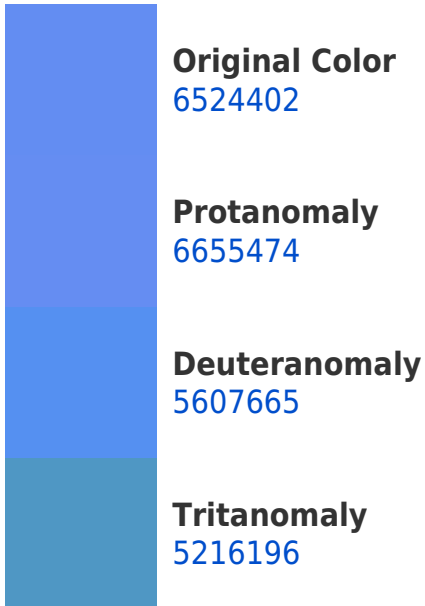
## Dichromacy





**Tritanopia**  
4496809

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6524402 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 #638DF2 looks like.

```
.text, #text, p{  
    color:#638DF2  
}
```

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 #638DF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638DF2
}
```

## Border

The CSS property to change the border of an element to Decimal 6524402 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
#638DF2 }
```

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

```
.border{ border-color:#638DF2 }
```

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

Here you see how a box with a 4 pixel #638DF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638DF2; -webkit-box-shadow:4px 4px  
4px 4px #638DF2; box-shadow:4px 4px 4px  
4px #638DF2 }
```

# Background

The CSS property to change the background color of an element to Decimal 6524402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638DF2 }
```

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

```
.background{ background-color:#638DF2 }
```

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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