

Converting Colors

Decimal(6523643)

Have a look what the booklet for
Decimal(6523643) contains.

Decimal(6523643)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6523643)

Conversions

Conversions Part 1

Format	Color
Hex	638AFB
RGB	99, 138, 251
RGB Percent	39%, 54%, 98%
CMY	0.6118, 0.4588, 0.0157
CMYK	0.61, 0.45, 0.00, 0.02
HSL	225°, 95%, 69%
HSV	225°, 61%, 98%
XYZ	31.6467, 27.7946, 94.9637
YIQ	139.2210, -59.5170, 26.8750

Conversions

Conversions Part 2

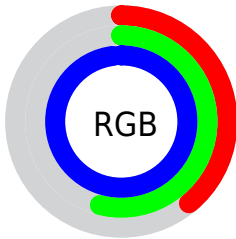
Format	Color
R _Y B	99, 130, 251
Decimal	6523643
CIE Lab	59.70, 20.25, -60.56
CIE LCh	60, 63.858, 288.484
Yxy	27.7946, 0.2050, 0.1800
Android (android.graphics.Color)	4284713723 (0xFF638AFB)
YUV	139.2210, 55.1070, -35.2738
Hunter-Lab	52.7206, 14.8873, -69.8925

Details

The Decimal color **6523643** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **16503907**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **10600447**, and **874946** is the 20% darker color. If you saturate the color by 10%, you get **4880379**, and if you desaturate by 10%, it is **8166907**.

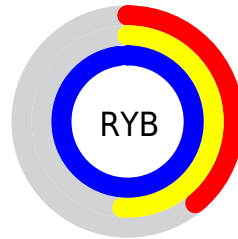
Distribution



Red (39%)

Green (54%)

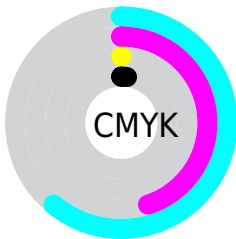
Blue (98%)



Red (39%)

Yellow (51%)

Blue (98%)

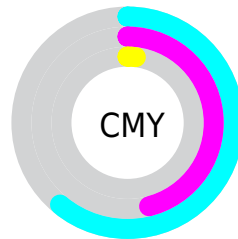


Cyan (61%)

Magenta (45%)

Yellow (0%)

Black (2%)



Cyan (61%)

Magenta (46%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6523643 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 6523643 by changing the saturation by 10% instead.

 6523643

 6523643

16777215

 4288990

 10600447

 874946

 12573695

 17062

 14546943

 11659

 16580607

 6769

 88

 1599

 808

 274

■ 6523643

■ 6523643

■ 4880379

■ 8166907

■ 3237371

■ 9809915

■ 1594107

■ 11453179

■ 16635

■ 13096443

■ 14804987

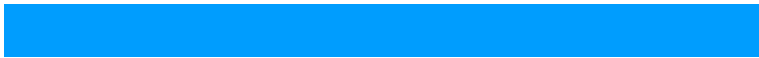
■ 16448251

■ 16777211

Harmonies

Analogous

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



40446



6523643



12480987

Triad

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



6523643



14904892



43383

Complementary

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



6523643



16503907

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.



4498240



6523643



12420367

Square

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



6523643



16013936



9082895



43698

Rectangle

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



6523643



14639546



9082895



42852

Sweetspot

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



6523643



13753855



6552530



6515584



0



8421504

Same Dimension

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



6523643



4552191



8807419



7369853



12477



4157

Inverse Universe

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



16475018



16729461



14220131



8220788



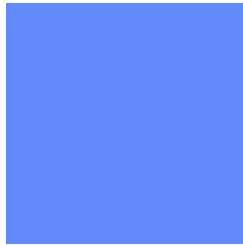
12386352



3997712

Previews

White Background



This preview shows how the Decimal color 6523643 looks on a white background.

Color Contrast Check

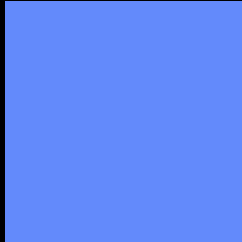
Large Text (above 18pt) WCAG AA ✓ Pass

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 6523643 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 6523643 Background



This preview shows how black text looks on a background with the Decimal color 6523643.



This preview shows how white text looks on a background with the Decimal color 6523643.

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



Original Color
6523643

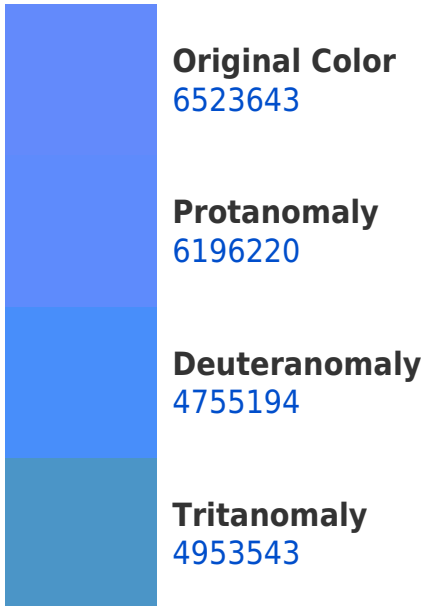
Protanopia
5999612

Deuteranopia
3707385

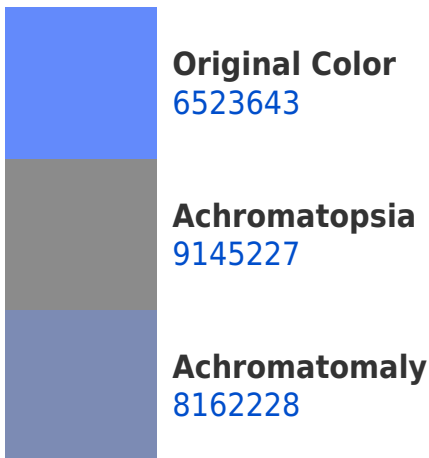


Tritanopia
4037801

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6523643 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 #638AFB looks like.

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

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 #638AFB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 6523643 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
#638AFB }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 6523643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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