

Converting Colors

Decimal(6501631)

Have a look what the booklet for
Decimal(6501631) contains.

Decimal(6501631)	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(6501631)

Conversions

Conversions Part 1

Format	Color
Hex	6334FF
RGB	99, 52, 255
RGB Percent	39%, 20%, 100%
CMY	0.6118, 0.7961, 0.0000
CMYK	0.61, 0.80, 0.00, 0.00
HSL	254°, 100%, 60%
HSV	254°, 80%, 100%
XYZ	24.4236, 12.3286, 95.7001
YIQ	89.1950, -37.1510, 73.0970

Conversions

Conversions Part 2

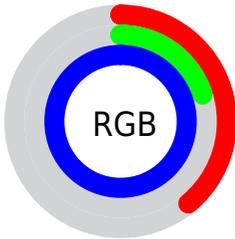
Format	Color
R_{YB}	99, 52, 255
Decimal	6501631
CIE _{Lab}	41.73, 69.03, -92.04
CIE _{LCh}	42, 115.046, 306.869
Yxy	12.3286, 0.1844, 0.0931
Android (android.graphics.Color)	4284691711 (0xFF6334FF)
YUV	89.1950, 81.7419, 8.5990
Hunter-Lab	35.1122, 62.7161, -137.0197

Details

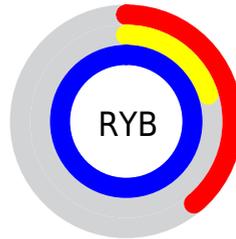
The Decimal color **6501631** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **13696820**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **10906367**, and **197** is the 20% darker color. If you saturate the color by 10%, you get **5184255**, and if you desaturate by 10%, it is **7819007**.

Distribution



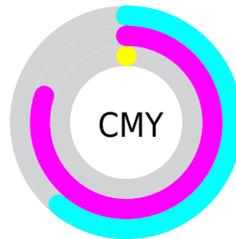
- Red (39%)
- Green (20%)
- Blue (100%)



- Red (39%)
- Yellow (20%)
- Blue (100%)



- Cyan (61%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6501631 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 6501631 by changing the saturation by 10% instead.

 6501631	 6501631
 16777215	 3938018
 10906367	 197
 12944895	 168
 15048959	 141
 16760063	 114
 16767487	 3416
 16774911	 1856
	 809
	 275

■ 6501631

■ 6501631

■ 5184255

■ 7819007

■ 3932671

■ 9070591

■ 3866879

■ 10387967

■ 11639551

■ 12956671

■ 14274047

■ 15525887

16777215

Harmonies

Analogous

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



28159



6501631



14287023

Triad

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



6501631



11614976



33399

Complementary

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



6501631



13696820

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.



32512



6501631



6645504

Square

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



6501631



15007744



30720



34005

Rectangle

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



6501631



16056433



30720



33110

Sweetspot

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



6501631



13681407



3462143



6511488



0



8421504

Same Dimension

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



6501631



4393727



12924159



7762816



2883775



983104

Inverse Universe

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



16725200



16714438



7274292



8418173



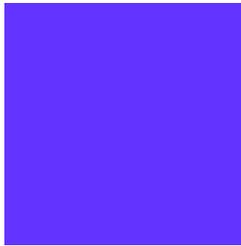
12517523



4194353

Previews

White Background



This preview shows how the Decimal color 6501631 looks on a white background.

Color Contrast Check

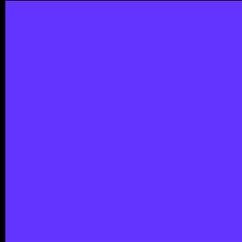
Large Text (above 18pt) WCAG AA ✓ Pass

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 6501631 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 6501631 Background



This preview shows how black text looks on a background with the Decimal color 6501631.



This preview shows how white text looks on a background with the Decimal color 6501631.

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](#).

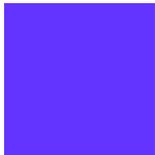
Dichromacy





Tritanopia
1535093

Trichromacy



Original Color
6501631



Protanomaly
2379739

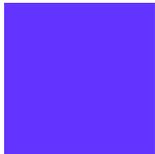


Deuteranomaly
2380744



Tritanomaly
3365031

Monochromacy



Original Color
6501631



Achromatopsia
5855577



Achromatomaly
6114453

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6501631 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 #6334FF looks like.

```
.text, #text, p{  
    color:#6334FF  
}
```

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 #6334FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6334FF
}
```

Border

The CSS property to change the border of an element to Decimal 6501631 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
#6334FF }
```

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

```
.border{ border-color:#6334FF }
```

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

Here you see how a box with a 4 pixel #6334FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6334FF; -webkit-box-shadow:4px 4px  
4px 4px #6334FF; box-shadow:4px 4px 4px  
4px #6334FF }
```

Background

The CSS property to change the background color of an element to Decimal 6501631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6334FF }
```

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

```
.background{ background-color:#6334FF }
```

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