

Converting Colors

Decimal(6304767)

Have a look what the booklet for
Decimal(6304767) contains.

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Color

Decimal(6304767)

Conversions

Conversions Part 1

Format	Color
Hex	6033FF
RGB	96, 51, 255
RGB Percent	38%, 20%, 100%
CMY	0.6235, 0.8000, 0.0000
CMYK	0.62, 0.80, 0.00, 0.00
HSL	253°, 100%, 60%
HSV	253°, 80%, 100%
XYZ	24.0577, 12.0744, 95.6704
YIQ	87.7110, -38.6640, 72.9840

Conversions

Conversions Part 2

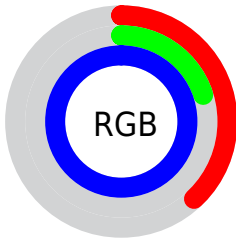
Format	Color
R_{YB}	96, 51, 255
Decimal	6304767
CIE _{Lab}	41.33, 69.15, -92.71
CIE _{LCh}	41, 115.657, 306.720
Yxy	12.0744, 0.1825, 0.0916
Android (android.graphics.Color)	4284494847 (0xFF6033FF)
YUV	87.7110, 82.4735, 7.2695
Hunter-Lab	34.7483, 62.7734, -138.9157

Details

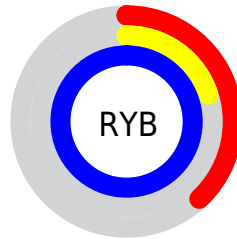
The Decimal color **6304767** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **13827891**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **10709503**, and **197** is the 20% darker color. If you saturate the color by 10%, you get **4987391**, and if you desaturate by 10%, it is **7622143**.

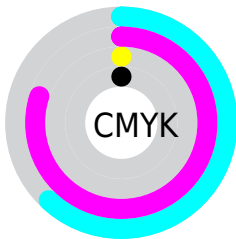
Distribution



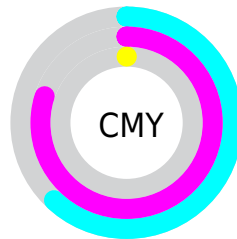
- Red (38%)
- Green (20%)
- Blue (100%)



- Red (38%)
- Yellow (20%)
- Blue (100%)



- Cyan (62%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6304767 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 6304767 by changing the saturation by 10% instead.

 6304767

 6304767

16777215

 3609826

 10709503

 197

 12813567

 168

 14917631

 141

 16759807

 114

 16767231

 3416

 16774655

 1856

 809

 275

■ 6304767

■ 6304767

■ 4987391

■ 7622143

■ 3670271

■ 8939263

■ 10256639

■ 11573759

■ 12825599

■ 14142719

■ 15460095

16777215

Harmonies

Analogous

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



27903



6304767



14221487

Triad

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



6304767



11548928



32886

Complementary

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



6304767



13827891

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.



32000



6304767



6579712

Square

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



6304767



15007744



30464



33748

Rectangle

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



6304767



16056433



30464



32852

Sweetspot

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



6304767



13615871



3396607



6511488



0



8421504

Same Dimension

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



6304767



4197119



12923903



7762816



2752703



917568

Inverse Universe

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



16724946



16714441



7208755



8418173



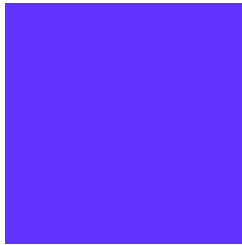
12517525



4194354

Previews

White Background



This preview shows how the Decimal color 6304767 looks on a white background.

Color Contrast Check

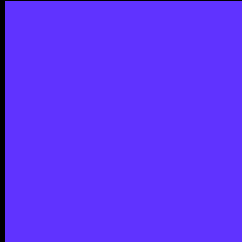
Large Text (above 18pt) WCAG AA ✓ Pass

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 6304767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

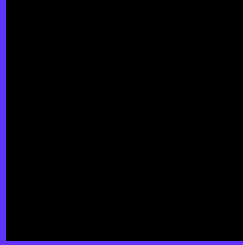
Any Text WCAG AA × Fail

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 6304767 Background



This preview shows how black text looks on a background with the Decimal color 6304767.

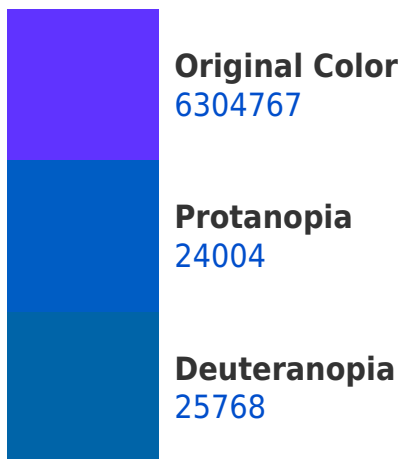


This preview shows how white text looks on a background with the Decimal color 6304767.

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





Trichromacy



Original Color
6304767



Protanomaly
2313945



Deuteranomaly
2314952



Tritanomaly
2316199

Monochromacy



Original Color
6304767



Achromatopsia
5789784



Achromatomaly
5983125

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6304767 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 #6033FF looks like.

```
.text, #text, p{  
    color:#6033FF  
}
```

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 #6033FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6033FF
}
```

Border

The CSS property to change the border of an element to Decimal 6304767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

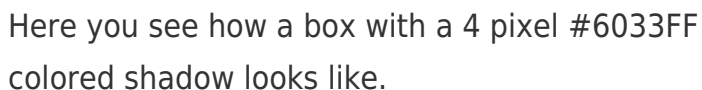
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6033FF }
```

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

```
.border{ border-color:#6033FF }
```

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



Here you see how a box with a 4 pixel #6033FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6033FF; -webkit-box-shadow:4px 4px  
4px 4px #6033FF; box-shadow:4px 4px 4px  
4px #6033FF }
```

Background

The CSS property to change the background color of an element to Decimal 6304767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6033FF }
```

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

```
.background{ background-color:#6033FF }
```

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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