

Converting Colors

Decimal(6291711)

Have a look what the booklet for
Decimal(6291711) contains.

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Color

Decimal(6291711)

Conversions

Conversions Part 1

Format	Color
Hex	6000FF
RGB	96, 0, 255
RGB Percent	38%, 0%, 100%
CMY	0.6235, 1.0000, 0.0000
CMYK	0.62, 1.00, 0.00, 0.00
HSL	263°, 100%, 50%
HSV	263°, 100%, 100%
XYZ	22.8739, 9.7068, 95.2758
YIQ	57.7740, -24.6390, 99.6570

Conversions

Conversions Part 2

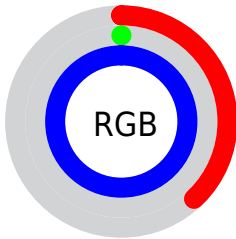
Format	Color
RYB	96, 0, 255
Decimal	6291711
CIELab	37.31, 81.22, -99.38
CIELCh	37, 128.346, 309.258
Yxy	9.7068, 0.1789, 0.0759
Android (android.graphics.Color)	4284481791 (0xFF6000FF)
YUV	57.7740, 97.2324, 33.5242
Hunter-Lab	31.1557, 76.5283, -159.5027

Details

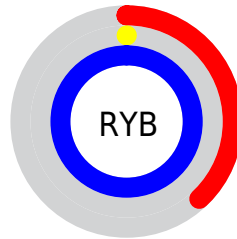
The Decimal color **6291711** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **10485504**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **10833663**, and **196** is the 20% darker color. If you saturate the color by 10%, you get **6291711**, and if you desaturate by 10%, it is **7346687**.

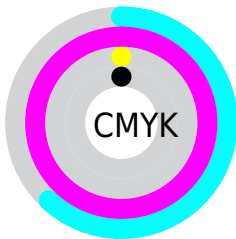
Distribution



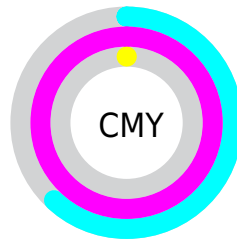
- Red (38%)
- Green (0%)
- Blue (100%)



- Red (38%)
- Yellow (0%)
- Blue (100%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)






















- Cyan (62%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6291711 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 6291711 by changing the saturation by 10% instead.

 6291711	 6291711
 16777215	 3473633
 10833663	 196
 12938239	 168
 15042559	 141
 16753919	 370
 16761343	 3160
 16768767	 1856
 16776447	 809
	 275

6291711

7346687

8401919

9457151

10512127

11567359

12556799

13612031

14667007

15722239

Harmonies

Analogous

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



25599



6291711



14549156

Triad

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



6291711



10694400



30327

Complementary

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



6291711



10485504

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.



29440



6291711



5136128

Square

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



6291711



14548992



28416



31454

Rectangle

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



6291711



16187488



28416



30035

Sweetspot

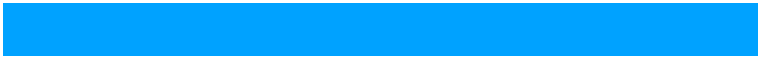
The Sweet Spot groups the original color and five complimentary colors.



6291711



13612031



41727



6509184



0



8421504

Same Dimension

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



6291711



14483711



7893888



4718783



1572928

Inverse Universe

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



16711839



2293504



8418171



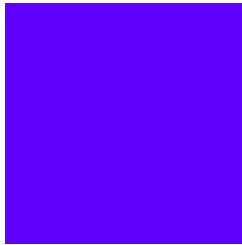
12517495



4194344

Previews

White Background



This preview shows how the Decimal color 6291711 looks on a white background.

Color Contrast Check

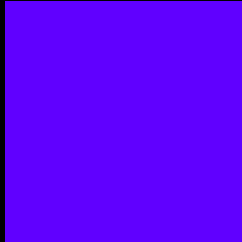
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 6291711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

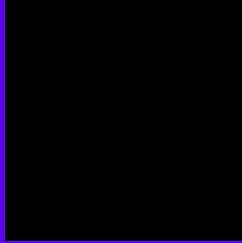
Any Text WCAG AA × Fail

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 6291711 Background



This preview shows how black text looks on a background with the Decimal color 6291711.

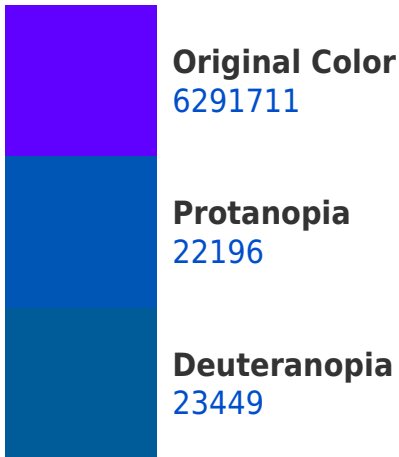


This preview shows how white text looks on a background with the Decimal color 6291711.

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
6291711

Protanomaly
2308047

Deuteranomaly
2308798

Monochromacy



Original Color
6291711

Achromatopsia
3815994

Achromatomaly
4728194

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6291711 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 #6000FF looks like.

```
.text, #text, p{  
    color:#6000FF  
}
```

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 #6000FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6000FF
}
```

Border

The CSS property to change the border of an element to Decimal 6291711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

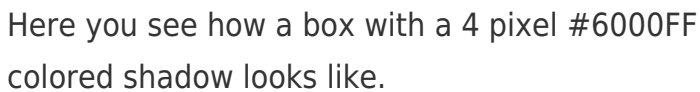
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6000FF }
```

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

```
.border{ border-color:#6000FF }
```

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



Here you see how a box with a 4 pixel #6000FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6000FF; -webkit-box-shadow:4px 4px  
4px 4px #6000FF; box-shadow:4px 4px 4px  
4px #6000FF }
```

Background

The CSS property to change the background color of an element to Decimal 6291711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6000FF }
```

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

```
.background{ background-color:#6000FF }
```

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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