

Converting Colors

Decimal(6477311)

Have a look what the booklet for
Decimal(6477311) contains.

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Color

Decimal(6477311)

Conversions

Conversions Part 1

Format	Color
Hex	62D5FF
RGB	98, 213, 255
RGB Percent	38%, 84%, 100%
CMY	0.6157, 0.1647, 0.0000
CMYK	0.62, 0.16, 0.00, 0.00
HSL	196°, 100%, 69%
HSV	196°, 62%, 100%
XYZ	46.8813, 57.4052, 103.2171
YIQ	183.4030, -82.0220, -11.3180

Conversions

Conversions Part 2

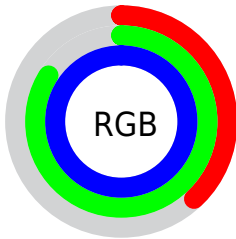
Format	Color
R _Y B	98, 164, 255
Decimal	6477311
CIE Lab	80.41, -20.49, -30.25
CIE LCh	80, 36.538, 235.885
Yxy	57.4052, 0.2259, 0.2766
Android (android.graphics.Color)	4284667391 (0xFF62D5FF)
YUV	183.4030, 35.2973, -74.8984
Hunter-Lab	75.7662, -22.1418, -27.7351

Details

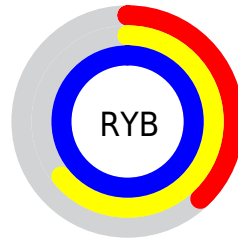
The Decimal color **6477311** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16747618**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **10616831**, and **40646** is the 20% darker color. If you saturate the color by 10%, you get **4837119**, and if you desaturate by 10%, it is **8117503**.

Distribution



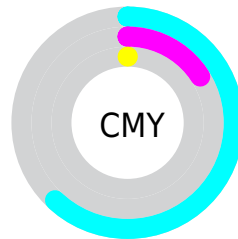
- Red (38%)
- Green (84%)
- Blue (100%)



- Red (38%)
- Yellow (64%)
- Blue (100%)



- Cyan (62%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6477311 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 6477311 by changing the saturation by 10% instead.

 6477311

 6477311

16777215

 4110818

 10616831

 40646

 12648447

 33963

 14614527

 27536

16646143

 21110

 15197

 9542

 1839

 282

■ 6477311

■ 6477311

■ 4837119

■ 8117503

■ 3131391

■ 9823231

■ 1491455

■ 11528703

■ 48127

■ 13168895

■ 14874623

■ 16514815

16777215

Harmonies

Analogous

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



5561060



6477311



9620735

Triad

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



6477311



16756430



12635785

Complementary

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



6477311



16747618

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.



14926979



6477311



16756907

Square

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



6477311



15644142



16693392



10081952

Rectangle

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



6477311



11912703



16693392



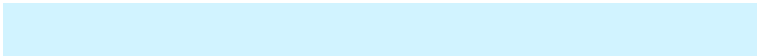
13486981

Sweetspot

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



6477311



13759487



6487948



6518912



0



8421504

Same Dimension

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



6477311



4378111



6457343



7568512



36031



12096

Inverse Universe

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



16736981



16728781



16767586



8418172



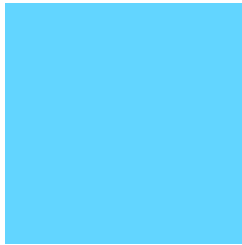
12517516



4194351

Previews

White Background



This preview shows how the Decimal color 6477311 looks on a white background.

Color Contrast Check

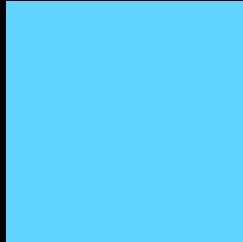
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6477311 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6477311 Background



This preview shows how black text looks on a background with the Decimal color 6477311.



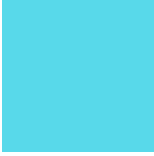
This preview shows how white text looks on a background with the Decimal color 6477311.

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](#).

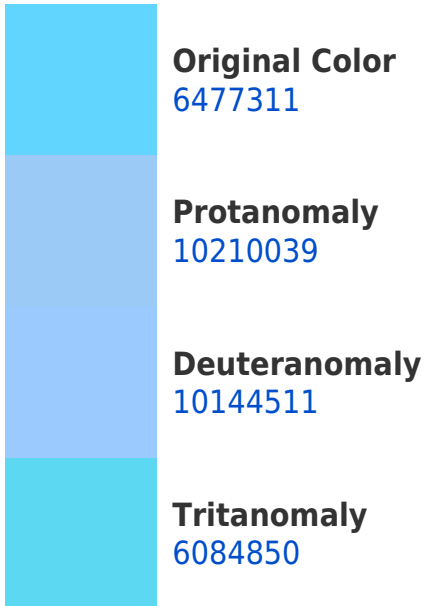
Dichromacy



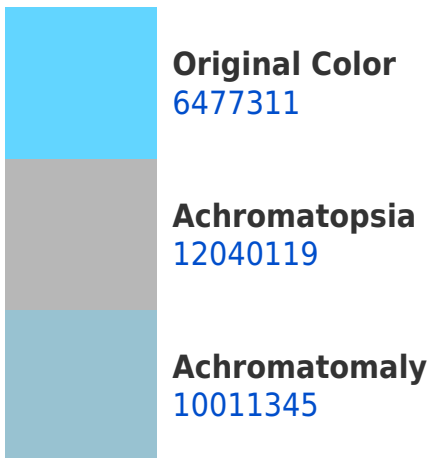


Tritanopia
5822954

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6477311 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 #62D5FF looks like.

```
.text, #text, p{  
    color:#62D5FF  
}
```

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 #62D5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D5FF
}
```

Border

The CSS property to change the border of an element to Decimal 6477311 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
#62D5FF }
```

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

```
.border{ border-color:#62D5FF }
```

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

Here you see how a box with a 4 pixel #62D5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D5FF; -webkit-box-shadow:4px 4px  
4px 4px #62D5FF; box-shadow:4px 4px 4px  
4px #62D5FF }
```

Background

The CSS property to change the background color of an element to Decimal 6477311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D5FF }
```

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

```
.background{ background-color:#62D5FF }
```

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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