

Converting Colors

Decimal(6740735)

Have a look what the booklet for
Decimal(6740735) contains.

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Color

Decimal(6740735)

Conversions

Conversions Part 1

Format	Color
Hex	66DAFF
RGB	102, 218, 255
RGB Percent	40%, 85%, 100%
CMY	0.6000, 0.1451, 0.0000
CMYK	0.60, 0.15, 0.00, 0.00
HSL	195°, 100%, 70%
HSV	195°, 60%, 100%
XYZ	48.6009, 60.1876, 103.6636
YIQ	187.5340, -81.0130, -13.0850

Conversions

Conversions Part 2

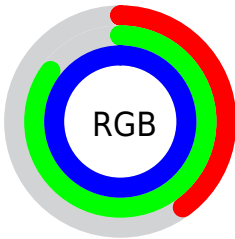
Format	Color
RYB	102, 168, 255
Decimal	6740735
CIELab	81.94, -22.33, -27.89
CIELCh	82, 35.727, 231.319
Yxy	60.1876, 0.2288, 0.2833
Android (android.graphics.Color)	4284930815 (0xFF66DAFF)
YUV	187.5340, 33.2607, -75.0133
Hunter-Lab	77.5807, -23.9437, -24.9171

Details

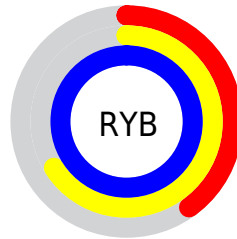
The Decimal color **6740735** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **16747366**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **10878975**, and **893894** is the 20% darker color. If you saturate the color by 10%, you get **5100799**, and if you desaturate by 10%, it is **8446207**.

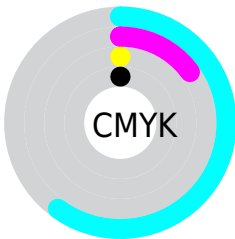
Distribution



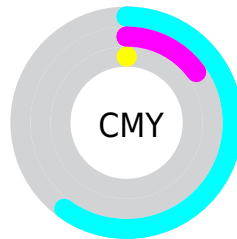
- Red (40%)
- Green (85%)
- Blue (100%)



- Red (40%)
- Yellow (66%)
- Blue (100%)



- Cyan (60%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6740735 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 6740735 by changing the saturation by 10% instead.

 6740735

 6740735

16777215

 4439778

 10878975

 893894

 12845055

 35243

 14876671

 28560

 22134

 16222

 10566

 4143

 282

■ 6740735

■ 6740735

■ 5100799

■ 8446207

■ 3395327

■ 10086143

■ 1689855

■ 11791871

■ 49663

■ 13431807

■ 15137279

16777215

Harmonies

Analogous

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



6348515



6740735



9491199

Triad

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



6740735



16757719



13291917

Complementary

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



6740735



16747366

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.



15517322



6740735



16757941

Square

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



6740735



15580150



16759705



10803617

Rectangle

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



6740735



11717631



16759705



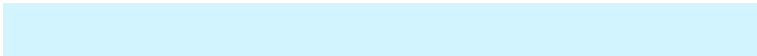
14077578

Sweetspot

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



6740735



13759743



6750090



6519168



0



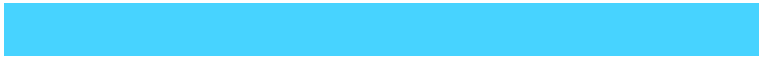
8421504

Same Dimension

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



6740735



4707327



6721535



7568512



37311



12352

Inverse Universe

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



16738010



16730067



16766566



8418172



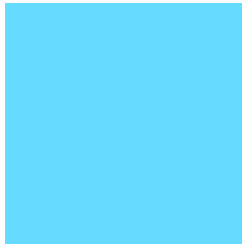
12517521



4194352

Previews

White Background



This preview shows how the Decimal color 6740735 looks on a white background.

Color Contrast Check

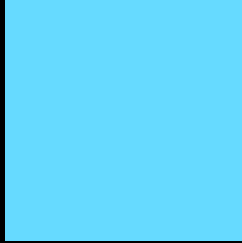
Large Text (above 18pt) WCAG AA × Fail

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 6740735 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 6740735 Background



This preview shows how black text looks on a background with the Decimal color 6740735.

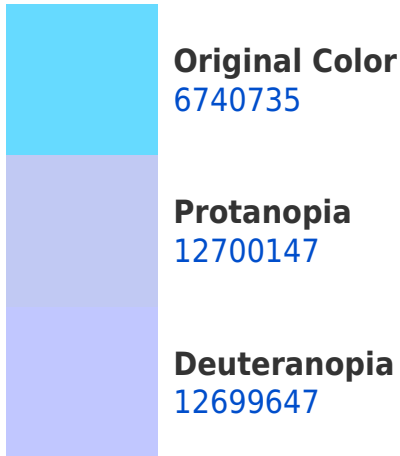


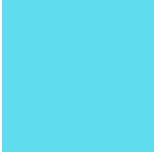
This preview shows how white text looks on a background with the Decimal color 6740735.

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](#).

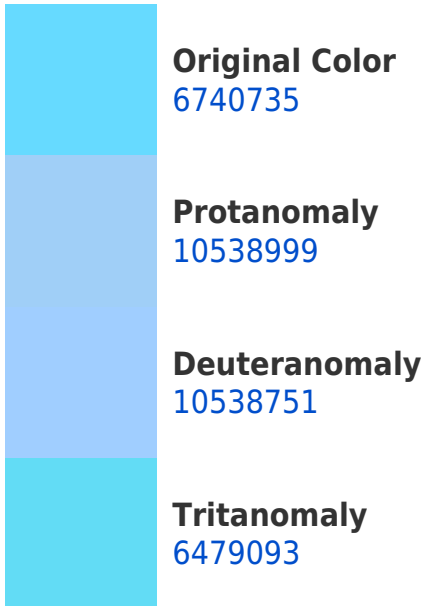
Dichromacy





Tritanopia
6282735

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6740735 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 #66DAFF looks like.

```
.text, #text, p{  
    color:#66DAFF  
}
```

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 #66DAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66DAFF  
}
```

Border

The CSS property to change the border of an element to Decimal 6740735 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  
#66DAFF }
```

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

```
.border{ border-color:#66DAFF }
```

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

Here you see how a box with a 4 pixel #66DAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66DAFF; -webkit-box-shadow:4px 4px  
4px 4px #66DAFF; box-shadow:4px 4px 4px  
4px #66DAFF }
```

Background

The CSS property to change the background color of an element to Decimal 6740735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66DAFF }
```

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

```
.background{ background-color:#66DAFF }
```

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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