

Converting Colors

Decimal(6676370)

Have a look what the booklet for
Decimal(6676370) contains.

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Color

Decimal(6676370)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 65DF92 |
| RGB | 101, 223, 146 |
| RGB Percent | 40%, 87%, 57% |
| CMY | 0.6039, 0.1255, 0.4275 |
| CMYK | 0.55, 0.00, 0.35, 0.13 |
| HSL | 142°, 66%, 64% |
| HSV | 142°, 55%, 87% |
| XYZ | 36.9428, 57.6174, 36.3683 |
| YIQ | 177.7440, -47.9950, -49.8110 |

Conversions

Conversions Part 2

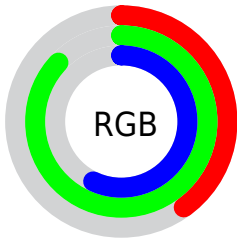
| Format | Color |
|-------------------------------------|--|
| RYB | 101, 190, 223 |
| Decimal | 6676370 |
| CIELab | 80.53, -51.16, 27.66 |
| CIELCh | 81, 58.161, 151.606 |
| Yxy | 57.6174, 0.2822, 0.4401 |
| Android (android.graphics.Color) | 4284866450 (0xFF65DF92) |
| YUV | 177.7440, -15.6498, -67.3045 |
| Hunter-Lab | 75.9061, -45.9614, 24.7271 |

Details

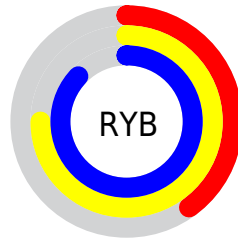
The Decimal color **6676370** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **14640562**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **10551240**, and **2205535** is the 20% darker color. If you saturate the color by 10%, you get **5234564**, and if you desaturate by 10%, it is **8118176**.

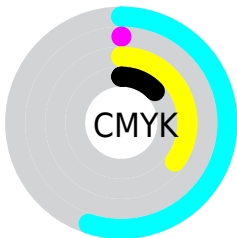
Distribution



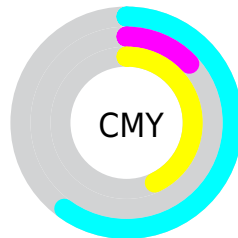
- Red (40%)
- Green (87%)
- Blue (57%)



- Red (40%)
- Yellow (75%)
- Blue (87%)



- Cyan (55%)
- Magenta (0%)
- Yellow (35%)
- Black (13%)



- Cyan (60%)
- Magenta (13%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6676370 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 6676370 by changing the saturation by 10% instead.

 6676370

 6676370

16777215

 4637560

 10551240

 2205535

 12451813

 35910

 14417919

 28975

 16383999

 22552

 16128

 10496

 1024

 0

 6676370

 6676370

 5234564

 8118176

 3727222

 9625518

 2285416

 11067324

 843610

 12509130

 57170

 13950936

 15458278

 16769013

 16769023

Harmonies

Analogous

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



11392359



6676370



58313

Triad

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



6676370



6934015



16752786

Complementary

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



6676370



14640562

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.



16751047



6676370



13613311

Square

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



6676370



56319



16753916



16757352

Rectangle

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



6676370



58350



16753916



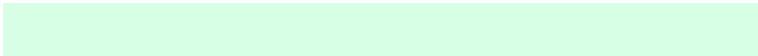
16751779

Sweetspot

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



6676370



14090213



11722597



6783088



0



8421504

Same Dimension

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



6676370



5767061



6676431



6647913



45121



12306

Inverse Universe

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



14640562



16734145



14640501



7365996



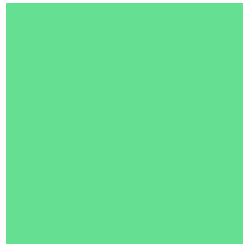
11534447



3145759

Previews

White Background



This preview shows how the Decimal color 6676370 looks on a white background.

Color Contrast Check

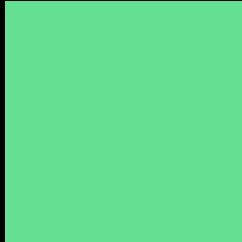
Large Text (above 18pt) WCAG AA × Fail

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 6676370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

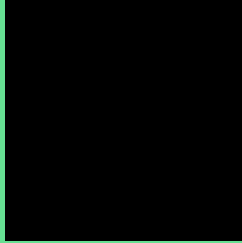
Any Text WCAG AA ✓ Pass

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 6676370 Background



This preview shows how black text looks on a background with the Decimal color 6676370.

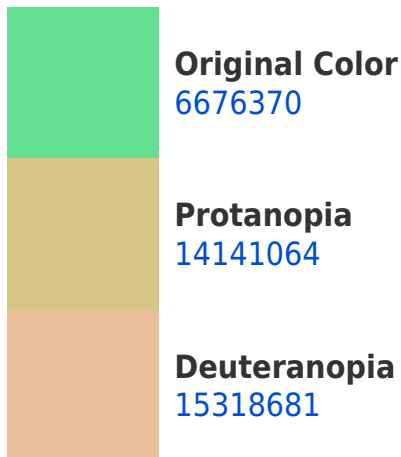


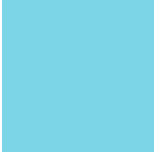
This preview shows how white text looks on a background with the Decimal color 6676370.

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





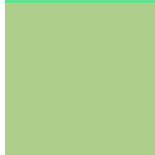
Tritanopia
8181222

Trichromacy



Original Color

6676370



Protanomaly

11456396



Deuteranomaly

12176022



Tritanomaly

7657927

Monochromacy



Original Color

6676370



Achromatopsia

11711154



Achromatomaly

9880230

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6676370 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 #65DF92 looks like.

```
.text, #text, p{  
    color:#65DF92  
}
```

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 #65DF92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65DF92
}
```

Border

The CSS property to change the border of an element to Decimal 6676370 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
#65DF92 }
```

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

```
.border{ border-color:#65DF92 }
```

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

Here you see how a box with a 4 pixel #65DF92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65DF92; -webkit-box-shadow:4px 4px  
4px 4px #65DF92; box-shadow:4px 4px 4px  
4px #65DF92 }
```

Background

The CSS property to change the background color of an element to Decimal 6676370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65DF92 }
```

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

```
.background{ background-color:#65DF92 }
```

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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