

Converting Colors

Decimal(6749030)

Have a look what the booklet for
Decimal(6749030) contains.

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Color

Decimal(6749030)

Conversions

Conversions Part 1

Format	Color
Hex	66FB66
RGB	102, 251, 102
RGB Percent	40%, 98%, 40%
CMY	0.6000, 0.0157, 0.6000
CMYK	0.59, 0.00, 0.59, 0.02
HSL	120°, 95%, 69%
HSV	120°, 59%, 98%
XYZ	42.3749, 72.7785, 24.3846
YIQ	189.4630, -40.9750, -77.9270

Conversions

Conversions Part 2

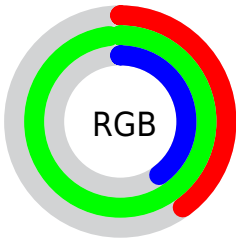
Format	Color
RYB	102, 251, 251
Decimal	6749030
CIELab	88.34, -67.78, 58.44
CIElCh	88, 89.500, 139.230
Yxy	72.7785, 0.3037, 0.5216
Android (android.graphics.Color)	4284939110 (0xFF66FB66)
YUV	189.4630, -43.1193, -76.7051
Hunter-Lab	85.3103, -60.6293, 42.7701

Details

The Decimal color **6749030** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **16475899**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **10878877**, and **508206** is the 20% darker color. If you saturate the color by 10%, you get **5110605**, and if you desaturate by 10%, it is **8387455**.

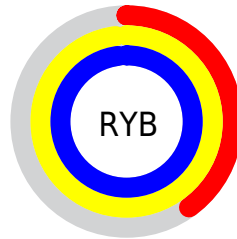
Distribution



Red (40%)

Green (98%)

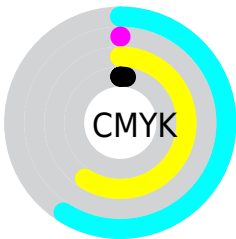
Blue (40%)



Red (40%)

Yellow (98%)

Blue (98%)

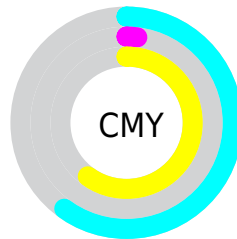


Cyan (59%)

Magenta (0%)

Yellow (59%)

Black (2%)



Cyan (60%)

Magenta (2%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6749030 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 6749030 by changing the saturation by 10% instead.

 6749030

 6749030

16777215

 4382283

 10878877

 508206

 12910521

 42246

 14942166

 35328

 16777203

 28416

 21760

 15616

 9216

 0

■ 6749030

■ 6749030

■ 5110605

■ 8387455

■ 3472180

■ 10025880

■ 1833755

■ 11664305

■ 195330

■ 13302730

■ 64256

■ 15006692

■ 16645117

■ 16776191

Harmonies

Analogous

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



13888022



6749030



65467

Triad

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



6749030



61695



16747691

Complementary

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



6749030



16475899

Split Complementary

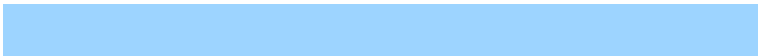
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16747775



6749030



10343679

Square

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



6749030



65535



16756223



16755549

Rectangle

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



6749030



65527



16756223



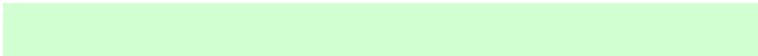
16746439

Sweetspot

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



6749030



13762513



16513894



6520931



0



8421504

Same Dimension

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



6749030



4915018



6749105



7372144



48384



15616

Inverse Universe

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



16475899



16730879



16475825



8220797



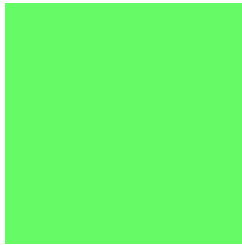
12386493



3997757

Previews

White Background



This preview shows how the Decimal color 6749030 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 6749030 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 6749030 Background



This preview shows how black text looks on a background with the Decimal color 6749030.

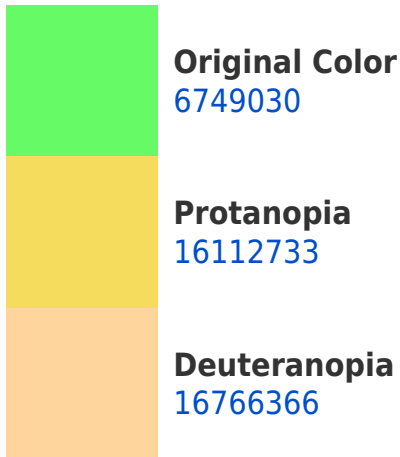


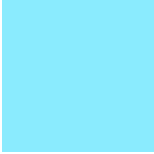
This preview shows how white text looks on a background with the Decimal color 6749030.

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



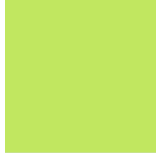


Tritanopia
9104382

Trichromacy



Original Color
6749030



Protanomaly
12707680

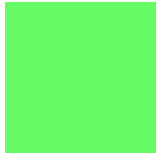


Deuteranomaly
13099914



Tritanomaly
8253895

Monochromacy



Original Color
6749030



Achromatopsia
12434877



Achromatomaly
10343581

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6749030 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 #66FB66 looks like.

```
.text, #text, p{  
    color:#66FB66  
}
```

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 #66FB66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FB66
}
```

Border

The CSS property to change the border of an element to Decimal 6749030 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
#66FB66 }
```

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

```
.border{ border-color:#66FB66 }
```

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

Here you see how a box with a 4 pixel #66FB66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FB66; -webkit-box-shadow:4px 4px  
4px 4px #66FB66; box-shadow:4px 4px 4px  
4px #66FB66 }
```

Background

The CSS property to change the background color of an element to Decimal 6749030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FB66 }
```

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

```
.background{ background-color:#66FB66 }
```

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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