

Converting Colors

Decimal(6684469)

Have a look what the booklet for
Decimal(6684469) contains.

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Color

Decimal(6684469)

Conversions

Conversions Part 1

Format	Color
Hex	65FF35
RGB	101, 255, 53
RGB Percent	40%, 100%, 21%
CMY	0.6039, 0.0000, 0.7922
CMYK	0.60, 0.00, 0.79, 0.00
HSL	106°, 100%, 60%
HSV	106°, 79%, 100%
XYZ	41.7694, 74.5437, 15.5551
YIQ	185.9260, -26.9420, -95.4700

Conversions

Conversions Part 2

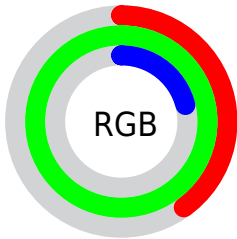
Format	Color
RYB	53, 255, 207
Decimal	6684469
CIELab	89.18, -73.22, 76.79
CIELCh	89, 106.102, 133.635
Yxy	74.5437, 0.3168, 0.5653
Android (android.graphics.Color)	4284874549 (0xFF65FF35)
YUV	185.9260, -65.5325, -74.4801
Hunter-Lab	86.3387, -64.7370, 49.7552

Details

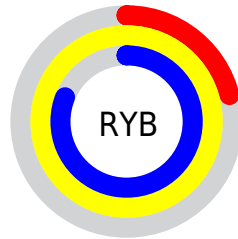
The Decimal color **6684469** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **13579775**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **11009908**, and **50432** is the 20% darker color. If you saturate the color by 10%, you get **5439259**, and if you desaturate by 10%, it is **7929679**.

Distribution



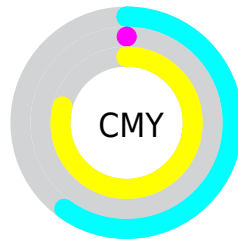
- Red (40%)
- Green (100%)
- Blue (21%)



- Red (21%)
- Yellow (100%)
- Blue (81%)



- Cyan (60%)
- Magenta (0%)
- Yellow (79%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6684469 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 6684469 by changing the saturation by 10% instead.

 6684469

 6684469

16777215

 4186624

 11009908

 50432

 13041553

 43264

 15138734

 36096

 16777163

 29184

 16777193

 22528

 16128

 9728

 0

■ 6684469

■ 6684469

■ 5439259

■ 7929679

■ 4128514

■ 9240424

■ 4062976

■ 10485634

■ 11796379

■ 13041588

■ 14352334

■ 15597544

16777215

Harmonies

Analogous

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



14871040



6684469



65443

Triad

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



6684469



64511



16739510

Complementary

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



6684469



13579775

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.



16742911



6684469



56831

Square

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



6684469



65535



16756223



16750422

Rectangle

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



6684469



65514



16756223



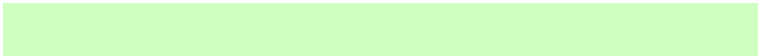
16738520

Sweetspot

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



6684469



13696962



16764213



6520923



0



8421504

Same Dimension

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



6684469



4652813



3538791



7766131



2998016



999424

Inverse Universe

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



13579775



12914175



16725453



8156032



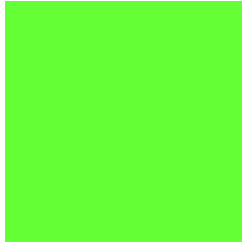
9568447



3211328

Previews

White Background



This preview shows how the Decimal color 6684469 looks on a white background.

Color Contrast Check

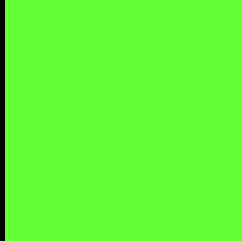
Large Text (above 18pt) WCAG AA × Fail

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 6684469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

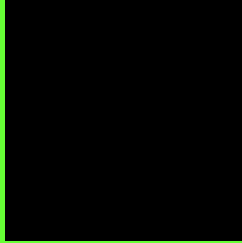
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

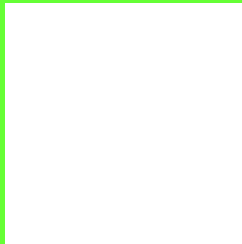
Any Text WCAG AAA ✓ Pass

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

Decimal 6684469 Background



This preview shows how black text looks on a background with the Decimal color 6684469.

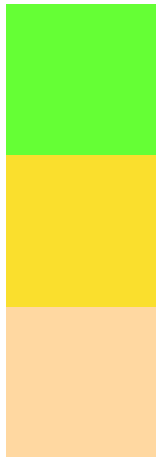


This preview shows how white text looks on a background with the Decimal color 6684469.

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



Original Color
6684469

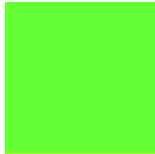
Protanopia
16441133

Deuteranopia
16767137



Tritanopia
9694719

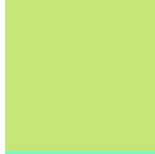
Trichromacy



Original Color
6684469



Protanomaly
12905264

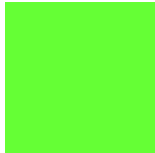


Deuteranomaly
13100666



Tritanomaly
8582326

Monochromacy



Original Color
6684469



Achromatopsia
12237498



Achromatomaly
10212234

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6684469 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 #65FF35 looks like.

```
.text, #text, p{  
    color:#65FF35  
}
```

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 #65FF35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65FF35
}
```

Border

The CSS property to change the border of an element to Decimal 6684469 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
#65FF35 }
```

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

```
.border{ border-color:#65FF35 }
```

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

Here you see how a box with a 4 pixel #65FF35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65FF35; -webkit-box-shadow:4px 4px  
4px 4px #65FF35; box-shadow:4px 4px 4px  
4px #65FF35 }
```

Background

The CSS property to change the background color of an element to Decimal 6684469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65FF35 }
```

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

```
.background{ background-color:#65FF35 }
```

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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