

Converting Colors

Decimal(6684517)

Have a look what the booklet for
Decimal(6684517) contains.

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Color

Decimal(6684517)

Conversions

Conversions Part 1

Format	Color
Hex	65FF65
RGB	101, 255, 101
RGB Percent	40%, 100%, 40%
CMY	0.6039, 0.0000, 0.6039
CMYK	0.60, 0.00, 0.60, 0.00
HSL	120°, 100%, 70%
HSV	120°, 60%, 100%
XYZ	43.4758, 75.2263, 24.5406
YIQ	191.3980, -42.3500, -80.5420

Conversions

Conversions Part 2

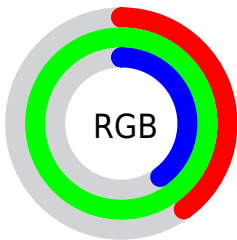
Format	Color
RYB	101, 255, 255
Decimal	6684517
CIELab	89.50, -69.49, 60.18
CIElCh	89, 91.927, 139.106
Yxy	75.2263, 0.3035, 0.5252
Android (android.graphics.Color)	4284874597 (0xFF65FF65)
YUV	191.3980, -44.5662, -79.2790
Hunter-Lab	86.7331, -62.3081, 43.9374

Details

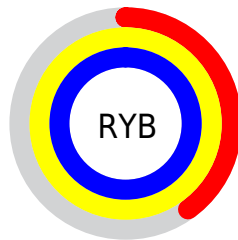
The Decimal color **6684517** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **16737791**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **10878876**, and **50476** is the 20% darker color. If you saturate the color by 10%, you get **4980555**, and if you desaturate by 10%, it is **8322942**.

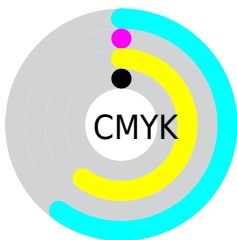
Distribution



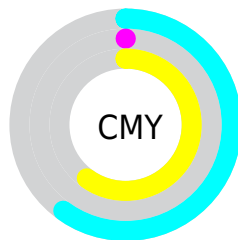
- Red (40%)
- Green (100%)
- Blue (40%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 6684517 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 6684517 by changing the saturation by 10% instead.

 6684517

 6684517

16777215

 4252233

 10878876

 50476

 12910521

 43265

 14942165

 36096

 16777203

 29184

 22528

 16128

 9984

 0

■ 6684517

■ 6684517

■ 4980555

■ 8322942

■ 3342130

■ 10026904

■ 1638168

■ 11730866

■ 65280

■ 13369291

■ 15007716

16711678

16777215

Harmonies

Analogous

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



14085640



6684517



65469

Triad

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



6684517



62719



16747693

Complementary

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



6684517



16737791

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



6684517



10278911

Square

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



6684517



65535



16756735



16755805

Rectangle

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



6684517



65530



16756735



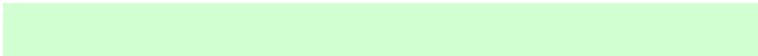
16746442

Sweetspot

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



6684517



13762513



16777061



6520931



0



8421504

Same Dimension

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



6684517



4718407



6684594



7569523



48896



16384

Inverse Universe

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



16737791



16730111



16737714



8418176



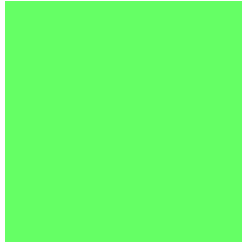
12517567



4194368

Previews

White Background



This preview shows how the Decimal color 6684517 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 6684517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

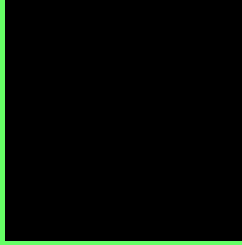
Any Text WCAG AA ✓ Pass

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 6684517 Background



This preview shows how black text looks on a background with the Decimal color 6684517.

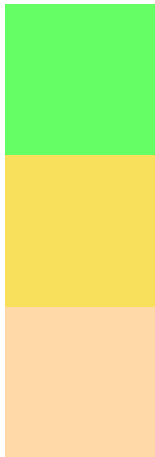


This preview shows how white text looks on a background with the Decimal color 6684517.

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
6684517

Protanopia
16310108

Deuteranopia
16767400

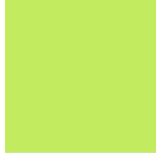


Tritanopia
9891327

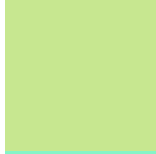
Trichromacy



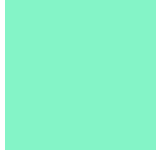
Original Color
6684517



Protanomaly
12839775

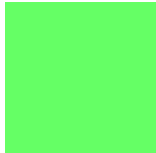


Deuteranomaly
13100944



Tritanomaly
8713415

Monochromacy



Original Color
6684517



Achromatopsia
12566463



Achromatomaly
10409630

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6684517 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 #65FF65 looks like.

```
.text, #text, p{  
    color:#65FF65  
}
```

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 #65FF65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65FF65
}
```

Border

The CSS property to change the border of an element to Decimal 6684517 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
#65FF65 }
```

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

```
.border{ border-color:#65FF65 }
```

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

Here you see how a box with a 4 pixel #65FF65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65FF65; -webkit-box-shadow:4px 4px  
4px 4px #65FF65; box-shadow:4px 4px 4px  
4px #65FF65 }
```

Background

The CSS property to change the background color of an element to Decimal 6684517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65FF65 }
```

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

```
.background{ background-color:#65FF65 }
```

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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