

Converting Colors

Decimal(7334475)

Have a look what the booklet for
Decimal(7334475) contains.

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Color

Decimal(7334475)

Conversions

Conversions Part 1

Format	Color
Hex	6FEA4B
RGB	111, 234, 75
RGB Percent	44%, 92%, 29%
CMY	0.5647, 0.0824, 0.7059
CMYK	0.53, 0.00, 0.68, 0.08
HSL	106°, 79%, 61%
HSV	106°, 68%, 92%
XYZ	37.2484, 62.7331, 16.8021
YIQ	179.0970, -22.2690, -75.5250

Conversions

Conversions Part 2

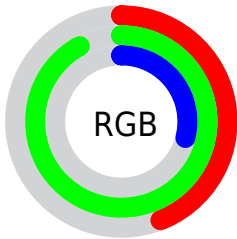
Format	Color
RYB	75, 234, 198
Decimal	7334475
CIELab	83.30, -62.13, 63.94
CIELCh	83, 89.149, 134.178
Yxy	62.7331, 0.3190, 0.5372
Android (android.graphics.Color)	4285524555 (0xFF6FEA4B)
YUV	179.0970, -51.3198, -59.7211
Hunter-Lab	79.2043, -54.6621, 42.8654

Details

The Decimal color **7334475** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **12995562**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **11337603**, and **2732288** is the 20% darker color. If you saturate the color by 10%, you get **6154804**, and if you desaturate by 10%, it is **8514146**.

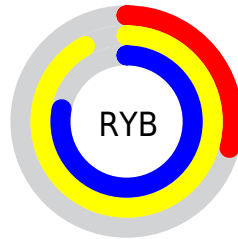
Distribution



Red (44%)

Green (92%)

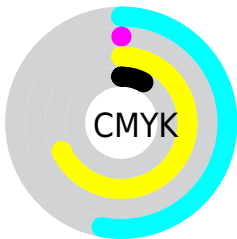
Blue (29%)



Red (29%)

Yellow (92%)

Blue (78%)

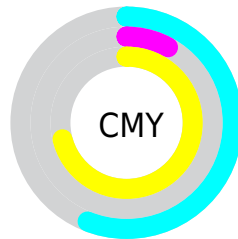


Cyan (53%)

Magenta (0%)

Yellow (68%)

Black (8%)



Cyan (56%)

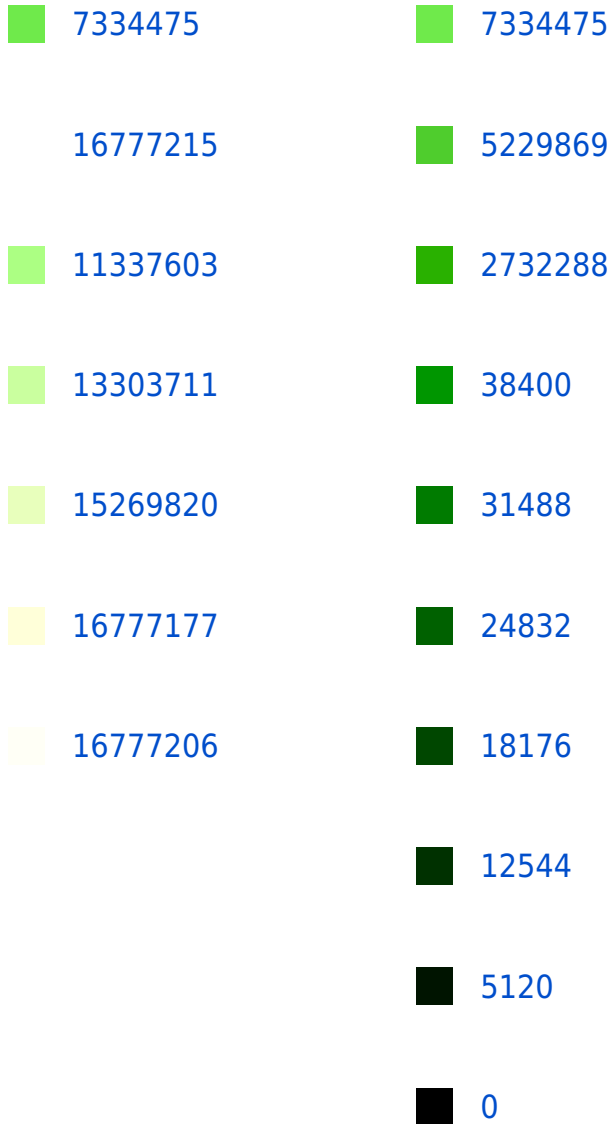
Magenta (8%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7334475 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 7334475 by changing the saturation by 10% instead.



 7334475

 7334475

 6154804

 8514146

 4975132

 9693818

 3795461

 10873489

 3533312

 12053161

 13298368

 14478039

 15657711

 16771839

Harmonies

Analogous

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



13817856



7334475



62367

Triad

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



7334475



59135



16742827

Complementary

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



7334475



12995562

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.



16744959



7334475



6409471

Square

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



7334475



62463



16754431



16750173

Rectangle

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



7334475



63193



16754431



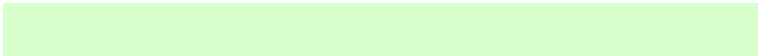
16742343

Sweetspot

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



7334475



14221260



15385931



6848609



0



8421504

Same Dimension

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



7334475



6160174



4975221



7107946



2733312



800256

Inverse Universe

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



12995562



13643519



15354816



7563893



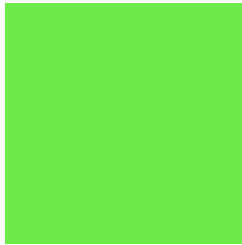
9175221



2687030

Previews

White Background



This preview shows how the Decimal color 7334475 looks on a white background.

Color Contrast Check

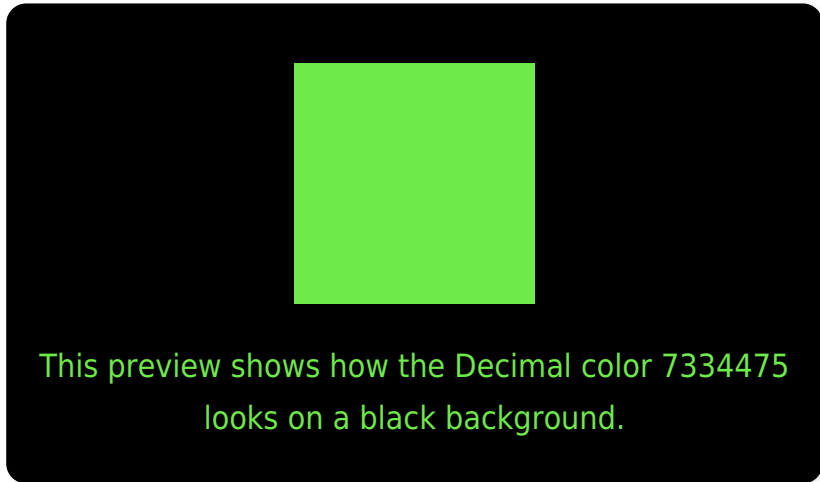
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

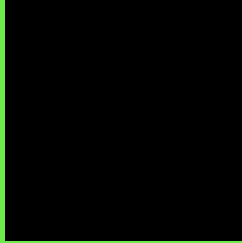
Any Text WCAG AA ✓ Pass

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 7334475 Background



This preview shows how black text looks on a background with the Decimal color 7334475.

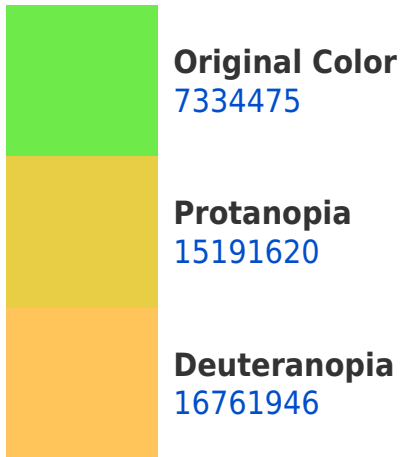



This preview shows how white text looks on a background with the Decimal color 7334475.

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





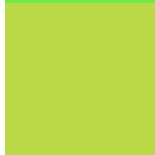
Tritanopia
9362412

Trichromacy



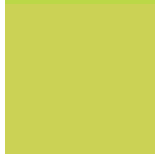
Original Color

7334475



Protanomaly

12310599



Deuteranomaly

13357653



Tritanomaly

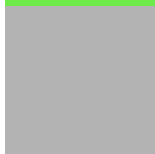
8642737

Monochromacy



Original Color

7334475



Achromatopsia

11776947



Achromatomaly

10143629

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7334475 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 #6FEA4B looks like.

```
.text, #text, p{  
    color:#6FEA4B  
}
```

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 #6FEA4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FEA4B
}
```

Border

The CSS property to change the border of an element to Decimal 7334475 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
#6FEA4B }
```

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

```
.border{ border-color:#6FEA4B }
```

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

Here you see how a box with a 4 pixel #6FEA4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FEA4B; -webkit-box-shadow:4px 4px  
4px 4px #6FEA4B; box-shadow:4px 4px 4px  
4px #6FEA4B }
```

Background

The CSS property to change the background color of an element to Decimal 7334475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FEA4B }
```

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

```
.background{ background-color:#6FEA4B }
```

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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