

Converting Colors

Decimal(6876042)

Have a look what the booklet for
Decimal(6876042) contains.

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Color

Decimal(6876042)

Conversions

Conversions Part 1

Format	Color
Hex	68EB8A
RGB	104, 235, 138
RGB Percent	41%, 92%, 54%
CMY	0.5922, 0.0784, 0.4588
CMYK	0.56, 0.00, 0.41, 0.08
HSL	136°, 77%, 66%
HSV	136°, 56%, 92%
XYZ	40.0047, 64.1947, 34.3271
YIQ	184.7730, -46.9390, -57.9390

Conversions

Conversions Part 2

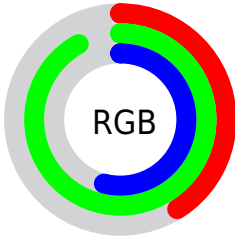
Format	Color
RYB	104, 208, 235
Decimal	6876042
CIELab	84.07, -56.61, 36.41
CIELCh	84, 67.311, 147.255
Yxy	64.1947, 0.2888, 0.4634
Android (android.graphics.Color)	4285066122 (0xFF68EB8A)
YUV	184.7730, -23.0591, -70.8379
Hunter-Lab	80.1216, -51.0878, 30.6830

Details

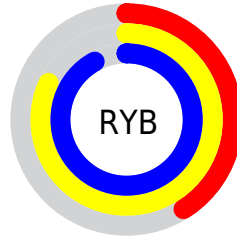
The Decimal color **6876042** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **15427785**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **10813376**, and **2208342** is the 20% darker color. If you saturate the color by 10%, you get **5368697**, and if you desaturate by 10%, it is **8383387**.

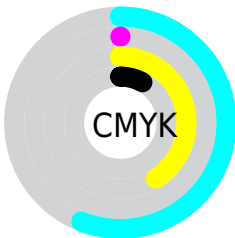
Distribution



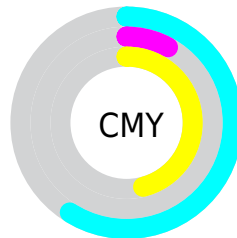
- Red (41%)
- Green (92%)
- Blue (54%)



- Red (41%)
- Yellow (82%)
- Blue (92%)



- Cyan (56%)
- Magenta (0%)
- Yellow (41%)
- Black (8%)



- Cyan (59%)
- Magenta (8%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6876042 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 6876042 by changing the saturation by 10% instead.



■ 6876042

■ 6876042

■ 5368697

■ 8383387

■ 3795815

■ 9956269

■ 2222934

■ 11529150

■ 715588

■ 13036496

■ 60221

■ 14543841

■ 16116722

■ 16772095

Harmonies

Analogous

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



12312410



6876042



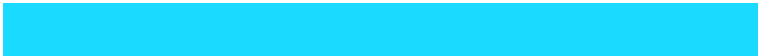
61898

Triad

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



6876042



1825535



16752539

Complementary

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



6876042



15427785

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.



16751322



6876042



13353983

Square

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



6876042



59903



16755455



16757863

Rectangle

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



6876042



61941



16755455



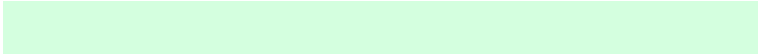
16751536

Sweetspot

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



6876042



13959135



13298536



6717549



0



8421504

Same Dimension

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



6876042



5570432



6876106



6976877



46383



13838

Inverse Universe

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



15427785



16733395



15427721



7694962



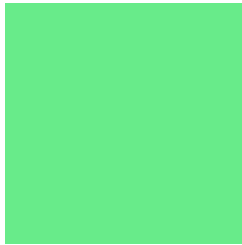
11862150



3538984

Previews

White Background



This preview shows how the Decimal color 6876042 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 6876042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

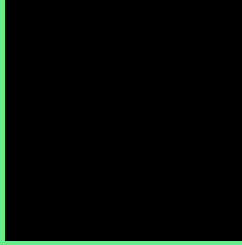
Any Text WCAG AA ✓ Pass

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 6876042 Background



This preview shows how black text looks on a background with the Decimal color 6876042.

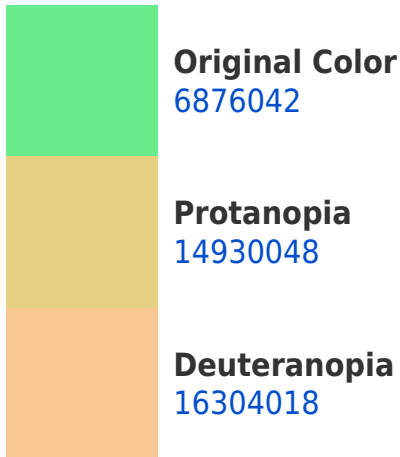



This preview shows how white text looks on a background with the Decimal color 6876042.

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



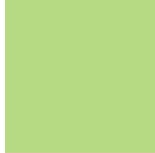


Tritanopia
8642545

Trichromacy



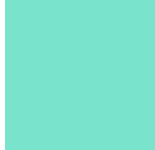
Original Color
6876042



Protanomaly
11983492



Deuteranomaly
12899471

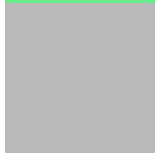


Tritanomaly
7988172

Monochromacy



Original Color
6876042



Achromatopsia
12171705



Achromatomaly
10275752

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6876042 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 #68EB8A looks like.

```
.text, #text, p{  
    color:#68EB8A  
}
```

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 #68EB8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68EB8A
}
```

Border

The CSS property to change the border of an element to Decimal 6876042 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
#68EB8A }
```

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

```
.border{ border-color:#68EB8A }
```

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

Here you see how a box with a 4 pixel #68EB8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68EB8A; -webkit-box-shadow:4px 4px  
4px 4px #68EB8A; box-shadow:4px 4px 4px  
4px #68EB8A }
```

Background

The CSS property to change the background color of an element to Decimal 6876042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68EB8A }
```

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

```
.background{ background-color:#68EB8A }
```

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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