

Converting Colors

Decimal(6874426)

Have a look what the booklet for
Decimal(6874426) contains.

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Color

Decimal(6874426)

Conversions

Conversions Part 1

Format	Color
Hex	68E53A
RGB	104, 229, 58
RGB Percent	41%, 90%, 23%
CMY	0.5922, 0.1020, 0.7725
CMYK	0.55, 0.00, 0.75, 0.10
HSL	104°, 77%, 56%
HSV	104°, 75%, 90%
XYZ	34.4920, 59.2872, 13.6286
YIQ	172.1310, -19.6090, -79.6810

Conversions

Conversions Part 2

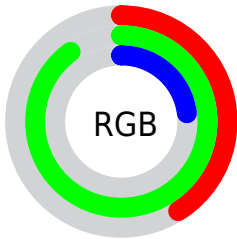
Format	Color
RYB	58, 229, 183
Decimal	6874426
CIELab	81.45, -63.40, 67.97
CIELCh	81, 92.950, 133.007
Yxy	59.2872, 0.3211, 0.5520
Android (android.graphics.Color)	4285064506 (0xFF68E53A)
YUV	172.1310, -56.2666, -59.7509
Hunter-Lab	76.9982, -54.7863, 43.4044

Details

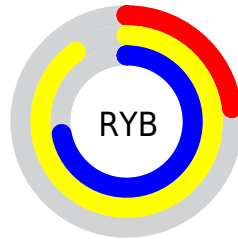
The Decimal color **6874426** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **12008165**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **10944372**, and **1813504** is the 20% darker color. If you saturate the color by 10%, you get **5760291**, and if you desaturate by 10%, it is **7988561**.

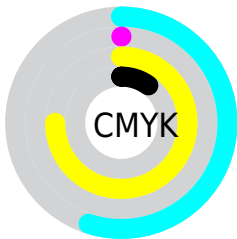
Distribution



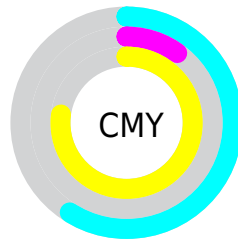
- Red (41%)
- Green (90%)
- Blue (23%)



- Red (23%)
- Yellow (90%)
- Blue (72%)



- Cyan (55%)
- Magenta (0%)
- Yellow (75%)
- Black (10%)



- Cyan (59%)
- Magenta (10%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6874426 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 6874426 by changing the saturation by 10% instead.


 6874426

 6874426

16777215

 4704277

 10944372

 1813504

 12910480

 37120

 14876589

 30208

 16777162

 23552

 16777191

 17152

 11264

 2560

 0

■ 6874426

■ 6874426

■ 5760291

■ 7988561

■ 4711692

■ 9037160

■ 4121856

■ 10151295

■ 11265430

■ 12379564

■ 13428163

■ 14542298

■ 15656433

■ 16770559

Harmonies

Analogous

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



13619712



6874426



61332

Triad

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



6874426



58111



16739496

Complementary

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



6874426



12008165

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.



16742399



6874426



3131647

Square

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



6874426



61439



16621823



16747606

Rectangle

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



6874426



61905



16621823



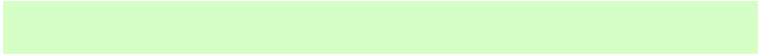
16739013

Sweetspot

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



6874426



14090183



15054138



6783070



0



8421504

Same Dimension

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



6874426



5766937



3859807



6976359



3191552



930560

Inverse Universe

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



12008165



12655103



15022784



7366515



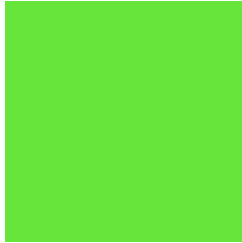
8519859



2424883

Previews

White Background



This preview shows how the Decimal color 6874426 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 6874426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

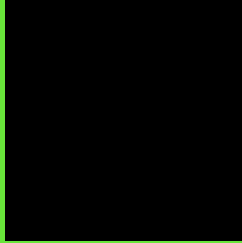
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

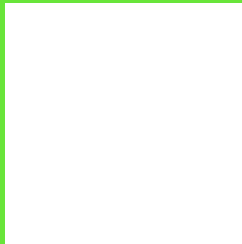
Any Text WCAG AAA ✓ Pass

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

Decimal 6874426 Background



This preview shows how black text looks on a background with the Decimal color 6874426.

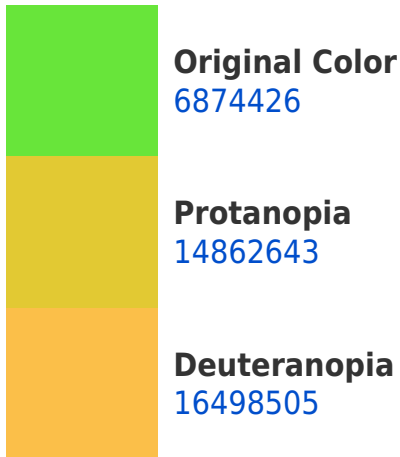


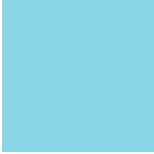
This preview shows how white text looks on a background with the Decimal color 6874426.

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
8967911

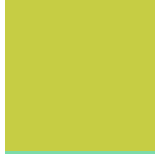
Trichromacy



Original Color
6874426



Protanomaly
11981622



Deuteranomaly
13028676



Tritanomaly
8182696

Monochromacy



Original Color
6874426



Achromatopsia
11316396



Achromatomaly
9683331

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6874426 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 #68E53A looks like.

```
.text, #text, p{  
    color:#68E53A  
}
```

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 #68E53A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68E53A
}
```

Border

The CSS property to change the border of an element to Decimal 6874426 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
#68E53A }
```

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

```
.border{ border-color:#68E53A }
```

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

Here you see how a box with a 4 pixel #68E53A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68E53A; -webkit-box-shadow:4px 4px  
4px 4px #68E53A; box-shadow:4px 4px 4px  
4px #68E53A }
```

Background

The CSS property to change the background color of an element to Decimal 6874426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68E53A }
```

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

```
.background{ background-color:#68E53A }
```

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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