

Converting Colors

Decimal(6864128)

Have a look what the booklet for
Decimal(6864128) contains.

Decimal(6864128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6864128)

Conversions

Conversions Part 1

Format	Color
Hex	68BD00
RGB	104, 189, 0
RGB Percent	41%, 74%, 0%
CMY	0.5922, 0.2588, 1.0000
CMYK	0.45, 0.00, 1.00, 0.26
HSL	87°, 100%, 37%
HSV	87°, 100%, 74%
XYZ	23.9065, 39.3382, 6.3330
YIQ	142.0390, 10.0090, -76.7990

Conversions

Conversions Part 2

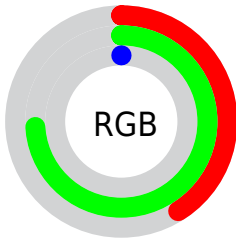
Format	Color
RYB	0, 189, 85
Decimal	6864128
CIELab	69.00, -50.74, 69.05
CIELCh	69, 85.692, 126.309
Yxy	39.3382, 0.3436, 0.5654
Android (android.graphics.Color)	4285054208 (0xFF68BD00)
YUV	142.0390, -70.0252, -33.3602
Hunter-Lab	62.7202, -41.7231, 37.9175

Details

The Decimal color **6864128** is a dark color, and the websafe version is hex **66CC00**. A complement of this color would be **5570749**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **10679887**, and **2721536** is the 20% darker color. If you saturate the color by 10%, you get **6864128**, and if you desaturate by 10%, it is **7388435**.

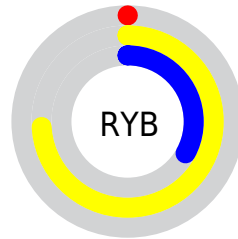
Distribution



Red (41%)

Green (74%)

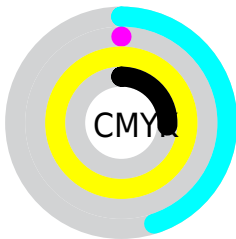
Blue (0%)



Red (0%)

Yellow (74%)

Blue (33%)

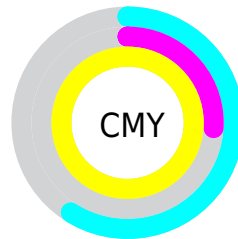


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (59%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6864128 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 6864128 by changing the saturation by 10% instead.

 6864128

 6864128

16777215

 4891136

 10679887

 2721536

 12648300

 27904

 14614408

 21504

 16580516

 15104


 16777153

 9472

 16777182

 0

 16777212

 6864128

 7388435

 7978278

 8568121

 9092428

 9682271

 10206577

 10796420

 11320727

 11910570

Harmonies

Analogous

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



12364288



6864128



51046

Triad

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



6864128



49663



16731547

Complementary

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



6864128



5570749

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.



16737000



6864128



44543

Square

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



6864128



51967



12356607



16738128

Rectangle

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



6864128



51868



12356607



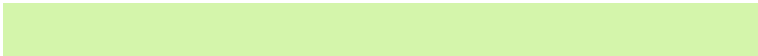
16732085

Sweetspot

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



6864128



13956523



12407296



6781518



16448250



8026746

Same Dimension

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



6864128



8910080



900352



5922389



5742080



1122048

Inverse Universe

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



5570749



7209205



11534525



5854558



4653214



917535

Previews

White Background



This preview shows how the Decimal color 6864128 looks on a white background.

Color Contrast Check

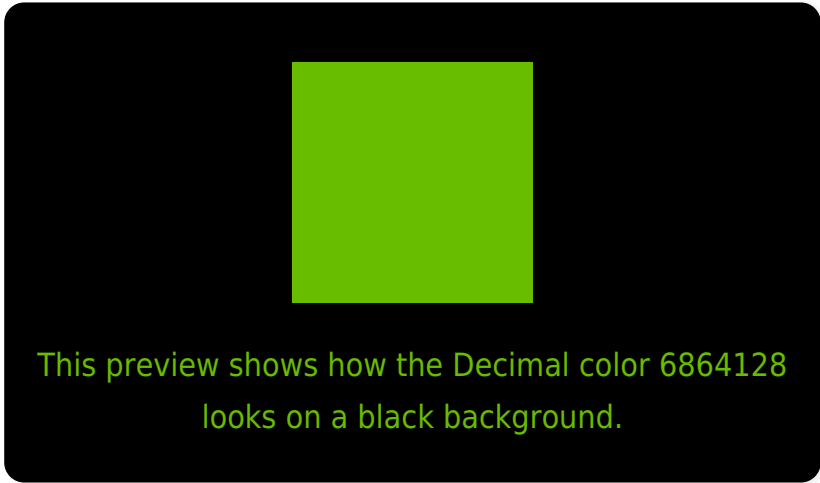
Large Text (above 18pt) WCAG AA × Fail

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 6864128 Background



This preview shows how black text looks on a background with the Decimal color 6864128.



This preview shows how white text looks on a background with the Decimal color 6864128.

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](#).

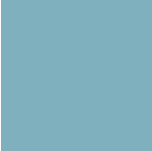
Dichromacy



Original Color
6864128

Protanopia
12429312

Deuteranopia
13868838



Tritanopia
8368318

Trichromacy



Original Color
6864128



Protanomaly
10399744



Deuteranomaly
11315736



Tritanomaly
7845241

Monochromacy



Original Color
6864128



Achromatopsia
9342606



Achromatomaly
8429402

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6864128 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 #68BD00 looks like.

```
.text, #text, p{  
  color:#68BD00  
}
```

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 #68BD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68BD00
}
```

Border

The CSS property to change the border of an element to Decimal 6864128 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
#68BD00 }
```

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

```
.border{ border-color:#68BD00 }
```

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

Here you see how a box with a 4 pixel #68BD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68BD00; -webkit-box-shadow:4px 4px  
4px 4px #68BD00; box-shadow:4px 4px 4px  
4px #68BD00 }
```

Background

The CSS property to change the background color of an element to Decimal 6864128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68BD00 }
```

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

```
.background{ background-color:#68BD00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor