

Converting Colors

Decimal(8248064)

Have a look what the booklet for
Decimal(8248064) contains.

Decimal(8248064)	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(8248064)

Conversions

Conversions Part 1

Format	Color
Hex	7DDB00
RGB	125, 219, 0
RGB Percent	49%, 86%, 0%
CMY	0.5098, 0.1412, 1.0000
CMYK	0.43, 0.00, 1.00, 0.14
HSL	86°, 100%, 43%
HSV	86°, 100%, 86%
XYZ	33.7890, 55.0230, 8.8396
YIQ	165.9280, 14.2750, -88.0370

Conversions

Conversions Part 2

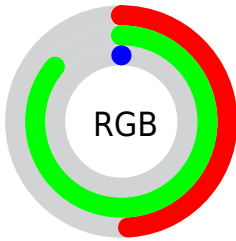
Format	Color
RYB	0, 219, 94
Decimal	8248064
CIELab	79.05, -55.52, 77.29
CIELCh	79, 95.160, 125.691
Yxy	55.0230, 0.3460, 0.5635
Android (android.graphics.Color)	4286438144 (0xFF7DDB00)
YUV	165.9280, -81.8025, -35.8939
Hunter-Lab	74.1775, -48.5012, 44.8587

Details

The Decimal color **8248064** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **6160603**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **12189526**, and **4104960** is the 20% darker color. If you saturate the color by 10%, you get **8248064**, and if you desaturate by 10%, it is **8837910**.

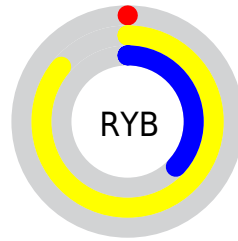
Distribution



Red (49%)

Green (86%)

Blue (0%)



Red (0%)

Yellow (86%)

Blue (37%)

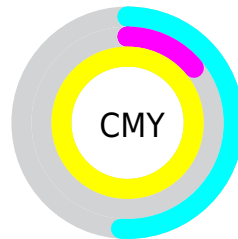


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (51%)


















Magenta (14%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8248064 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 8248064 by changing the saturation by 10% instead.

 8248064	 8248064
 16777215	 6274816
 12189526	 4104960
 14155635	 1280000
 16121745	 28160
 16777134	 21760
 16777163	 15360
 16777193	 9472
	 0

 8248064

 8837910

 9493292


 10083138

 10738520

 11328366

 11918211

 12573593

 13163439

 13818821

Harmonies

Analogous

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



14468352



8248064



58998

Triad

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



8248064



57599



16735415

Complementary

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



8248064



6160603

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.



16741887



8248064



51711

Square

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



8248064



60159



14198015



16742497

Rectangle

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



8248064



60084



14198015



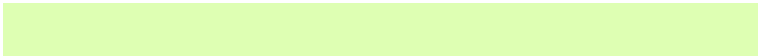
16736213

Sweetspot

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



8248064



14614451



14375680



7110738



0



8421504

Same Dimension

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



8248064



9633536



1235712



6909539



6532352



1715712

Inverse Universe

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



6160603



7143679



13172955



6775662



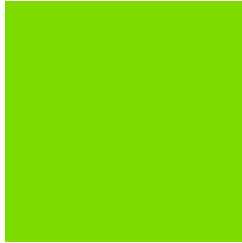
4849837



1310766

Previews

White Background



This preview shows how the Decimal color 8248064 looks on a white background.

Color Contrast Check

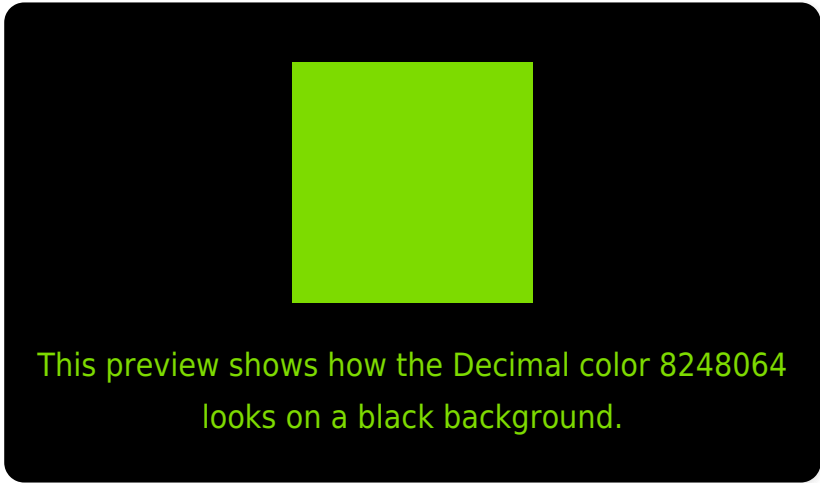
Large Text (above 18pt) WCAG AA × Fail

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 8248064 Background



This preview shows how black text looks on a background with the Decimal color 8248064.



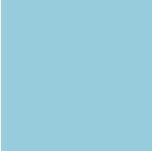
This preview shows how white text looks on a background with the Decimal color 8248064.

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
9948380

Trichromacy



Original Color
8248064



Protanomaly
12176384



Deuteranomaly
13223196



Tritanomaly
9359756

Monochromacy



Original Color
8248064



Achromatopsia
10921638



Achromatomaly
9943402

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8248064 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 #7DDB00 looks like.

```
.text, #text, p{  
    color:#7DDB00  
}
```

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 #7DDB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DDB00
}
```

Border

The CSS property to change the border of an element to Decimal 8248064 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
#7DDB00 }
```

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

```
.border{ border-color:#7DDB00 }
```

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

Here you see how a box with a 4 pixel #7DDB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DDB00; -webkit-box-shadow:4px 4px  
4px 4px #7DDB00; box-shadow:4px 4px 4px  
4px #7DDB00 }
```

Background

The CSS property to change the background color of an element to Decimal 8248064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DDB00 }
```

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

```
.background{ background-color:#7DDB00 }
```

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