

Converting Colors

Decimal(56840)

Have a look what the booklet for
Decimal(56840) contains.

Decimal(56840)	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(56840)

Conversions

Conversions Part 1

Format	Color
Hex	00DE08
RGB	0, 222, 8
RGB Percent	0%, 87%, 3%
CMY	1.0000, 0.1294, 0.9686
CMYK	1.00, 0.00, 0.96, 0.13
HSL	122°, 100%, 44%
HSV	122°, 100%, 87%
XYZ	26.1651, 52.2601, 8.9379
YIQ	131.2260, -63.6180, -113.6180

Conversions

Conversions Part 2

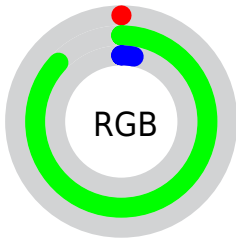
Format	Color
RYB	0, 214, 222
Decimal	56840
CIELab	77.44, -77.48, 74.18
CIELCh	77, 107.264, 136.248
Yxy	52.2601, 0.2995, 0.5982
Android (android.graphics.Color)	4278246920 (0xFF00DE08)
YUV	131.2260, -60.7504, -115.0852
Hunter-Lab	72.2911, -61.9031, 43.2733

Details

The Decimal color **56840** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **14549206**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **7339863**, and **42240** is the 20% darker color. If you saturate the color by 10%, you get **56840**, and if you desaturate by 10%, it is **1498653**.

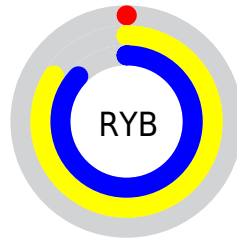
Distribution



Red (0%)

Green (87%)

Blue (3%)



Red (0%)

Yellow (84%)

Blue (87%)

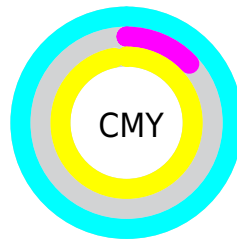


Cyan (100%)

Magenta (0%)

Yellow (96%)

Black (13%)



Cyan (100%)

Magenta (13%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 56840 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 56840 by changing the saturation by 10% instead.

 56840	 56840
 16777215	 49408
 7339863	 42240
 9568117	 35072
 11665298	 28160
 13762479	 21504
 15859660	 15360
 16777194	 8448
	 0

 56840

 1498653

 2940467

 4447816


 5889630

 7331443

 8773256

 10215070

 11722419

 13164233

Harmonies

Analogous

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



11913984



56840



59276

Triad

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



56840



5551



16726158

Complementary

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



56840



14549206

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.



16729329



56840



47615

Square

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



56840



59391



16746239



16742186

Rectangle

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



56840



59858



16746239



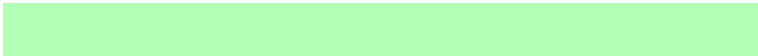
16723119

Sweetspot

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



56840



11796405



14147072



5406803



0



8421504

Same Dimension

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



56840



65289



56950



6647909



45062



12290

Inverse Universe

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



14549206



16711926



14549096



7366000



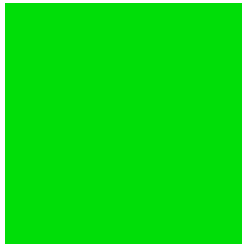
11534506



3145775

Previews

White Background



This preview shows how the Decimal color 56840 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 56840 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

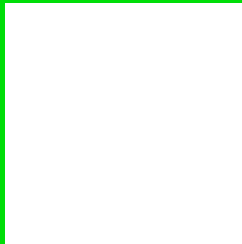
Any Text WCAG AAA ✓ Pass

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

Decimal 56840 Background



This preview shows how black text looks on a background with the Decimal color 56840.

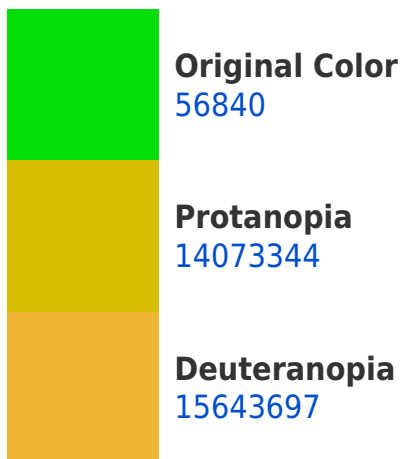


This preview shows how white text looks on a background with the Decimal color 56840.

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](#).

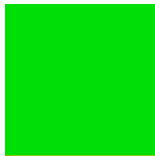
Dichromacy





Tritanopia
6147807

Trichromacy



Original Color

56840



Protanomaly

8964611



Deuteranomaly

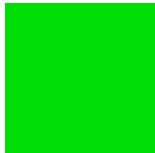
9945890



Tritanomaly

3921041

Monochromacy



Original Color

56840



Achromatopsia

8618883



Achromatomaly

5481558

CSS Examples

Text

The CSS property to change the color of the text to Decimal 56840 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 #00DE08 looks like.

```
.text, #text, p{  
    color:#00DE08  
}
```

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 #00DE08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DE08
}
```

Border

The CSS property to change the border of an element to Decimal 56840 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
#00DE08 }
```

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

```
.border{ border-color:#00DE08 }
```

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

Here you see how a box with a 4 pixel #00DE08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DE08; -webkit-box-shadow:4px 4px  
4px 4px #00DE08; box-shadow:4px 4px 4px  
4px #00DE08 }
```

Background

The CSS property to change the background color of an element to Decimal 56840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DE08 }
```

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

```
.background{ background-color:#00DE08 }
```

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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