

Converting Colors

Decimal(50712)

Have a look what the booklet for
Decimal(50712) contains.

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Color

Decimal(50712)

Conversions

Conversions Part 1

Format	Color
Hex	00C618
RGB	0, 198, 24
RGB Percent	0%, 78%, 9%
CMY	1.0000, 0.2235, 0.9059
CMYK	1.00, 0.00, 0.88, 0.22
HSL	127°, 100%, 39%
HSV	127°, 100%, 78%
XYZ	20.3590, 40.4541, 7.5996
YIQ	118.9620, -62.1540, -96.0900

Conversions

Conversions Part 2

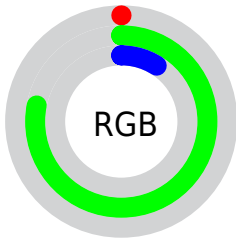
Format	Color
RYB	0, 177, 198
Decimal	50712
CIELab	69.79, -70.63, 65.57
CIELCh	70, 96.374, 137.126
Yxy	40.4541, 0.2976, 0.5913
Android (android.graphics.Color)	4278240792 (0xFF00C618)
YUV	118.9620, -46.8163, -104.3297
Hunter-Lab	63.6035, -54.1699, 37.4383

Details

The Decimal color **50712** 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 **12976302**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **6815577**, and **36352** is the 20% darker color. If you saturate the color by 10%, you get **50712**, and if you desaturate by 10%, it is **1361449**.

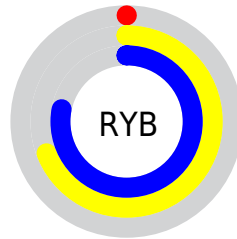
Distribution



Red (0%)

Green (78%)

Blue (9%)



Red (0%)

Yellow (69%)

Blue (78%)

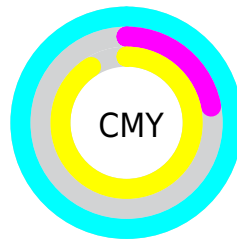


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (22%)



Cyan (100%)

Magenta (22%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 50712 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 50712 by changing the saturation by 10% instead.

 50712	 50712
 16777215	 43520
 6815577	 36352
 8978293	 29440
 11009937	 22784
 13107117	 16384
 15138762	 9984
 16777191	 0

 50712

 1361449

 2672187

 3917388

 5228126

 6538863

 7849600

 9160338

 10405539

 11716277

Harmonies

Analogous

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



10466816



50712



52864

Triad

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



50712



49407



16726653

Complementary

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



50712



12976302

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.



16728276



50712



42239

Square

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



50712



52735



15366143



16739621

Rectangle

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



50712



53438



15366143



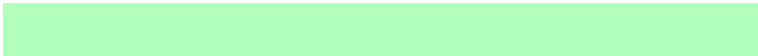
16724378

Sweetspot

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



50712



11796412



11519488



5406807



0



8421504

Same Dimension

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



50712



65311



50810



5923675



41748



9220

Inverse Universe

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



12976302



16711904



12976204



6511202



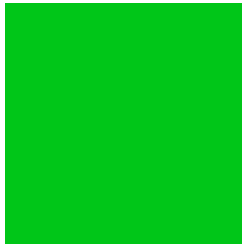
10682511



2359327

Previews

White Background



This preview shows how the Decimal color 50712 looks on a white background.

Color Contrast Check

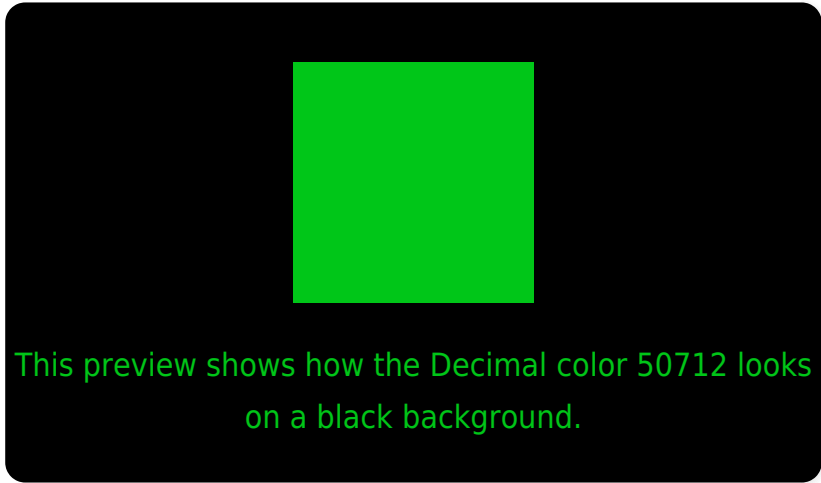
Large Text (above 18pt) WCAG AA × Fail

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

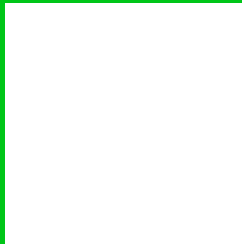
Any Text WCAG AAA ✓ Pass

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

Decimal 50712 Background



This preview shows how black text looks on a background with the Decimal color 50712.



This preview shows how white text looks on a background with the Decimal color 50712.

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](#).

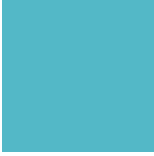
Dichromacy



Original Color
50712

Protanopia
12560909

Deuteranopia
13934896



Tritanopia
5486791

Trichromacy



Original Color

50712



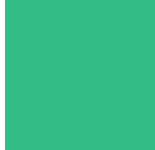
Protanomaly

8041489



Deuteranomaly

8891943



Tritanomaly

3521927

Monochromacy



Original Color

50712



Achromatopsia

7829367



Achromatomaly

5018708

CSS Examples

Text

The CSS property to change the color of the text to Decimal 50712 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 #00C618 looks like.

```
.text, #text, p{  
    color:#00C618  
}
```

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 #00C618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C618
}
```

Border

The CSS property to change the border of an element to Decimal 50712 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
#00C618 }
```

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

```
.border{ border-color:#00C618 }
```

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

Here you see how a box with a 4 pixel #00C618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C618; -webkit-box-shadow:4px 4px  
4px 4px #00C618; box-shadow:4px 4px 4px  
4px #00C618 }
```

Background

The CSS property to change the background color of an element to Decimal 50712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C618 }
```

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

```
.background{ background-color:#00C618 }
```

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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