

Converting Colors

Decimal(47178)

Have a look what the booklet for
Decimal(47178) contains.

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Color

Decimal(47178)

Conversions

Conversions Part 1

Format	Color
Hex	00B84A
RGB	0, 184, 74
RGB Percent	0%, 72%, 29%
CMY	1.0000, 0.2784, 0.7098
CMYK	1.00, 0.00, 0.60, 0.28
HSL	144°, 100%, 36%
HSV	144°, 100%, 72%
XYZ	18.3765, 34.7754, 12.2223
YIQ	116.4440, -74.3540, -73.2180

Conversions

Conversions Part 2

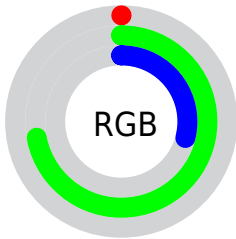
Format	Color
RYB	0, 131, 184
Decimal	47178
CIELab	65.57, -62.49, 44.17
CIELCh	66, 76.522, 144.748
Yxy	34.7754, 0.2811, 0.5319
Android (android.graphics.Color)	4278237258 (0xFF00B84A)
YUV	116.4440, -20.9249, -102.1214
Hunter-Lab	58.9707, -47.5742, 28.9909

Details

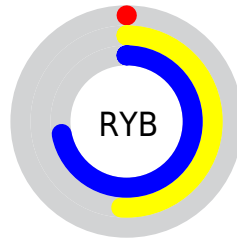
The Decimal color **47178** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **12058734**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **6418814**, and **33045** is the 20% darker color. If you saturate the color by 10%, you get **47178**, and if you desaturate by 10%, it is **1226837**.

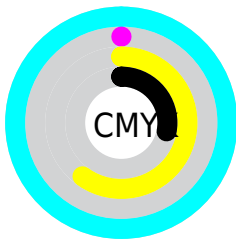
Distribution



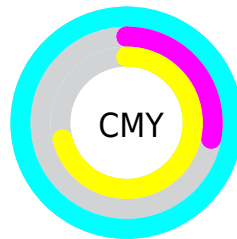
- Red (0%)
- Green (72%)
- Blue (29%)



- Red (0%)
- Yellow (51%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47178 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 47178 by changing the saturation by 10% instead.

 47178	 47178
 16777215	 39984
 6418814	 33045
 8454041	 26368
 10485684	 19712
 12451792	 13824
 14483437	 7168
 16449535	 0

 47178

 1226837

 2472032

 3651691

 4896886

 6076545

 7256204

 8501399

 9681058

 10926253

Harmonies

Analogous

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



8956928



47178



48785

Triad

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



47178



44031



16735594

Complementary

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



47178



12058734

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.



16733870



47178



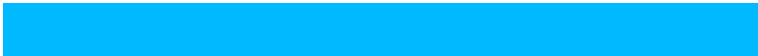
8622847

Square

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



47178



47615



15036911



16481067

Rectangle

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



47178



48832



15036911



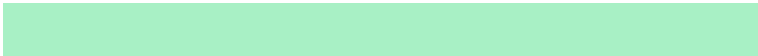
16734080

Sweetspot

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



47178



11071685



7256064



5077086



16250871



7895160

Same Dimension

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



47178



61536



47270



5463126



39999



7179

Inverse Universe

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



12058734



15728783



12058642



6050648



10223709



1835025

Previews

White Background



This preview shows how the Decimal color 47178 looks on a white background.

Color Contrast Check

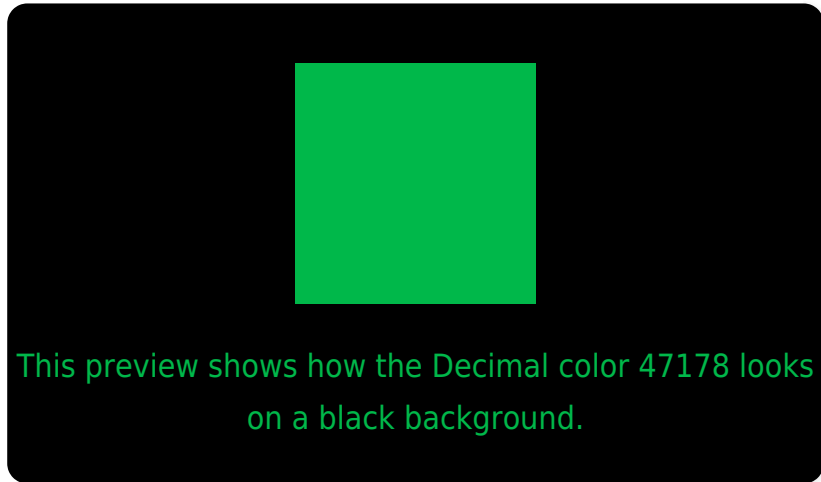
Large Text (above 18pt) WCAG AA × Fail

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 47178 Background



This preview shows how black text looks on a background with the Decimal color 47178.

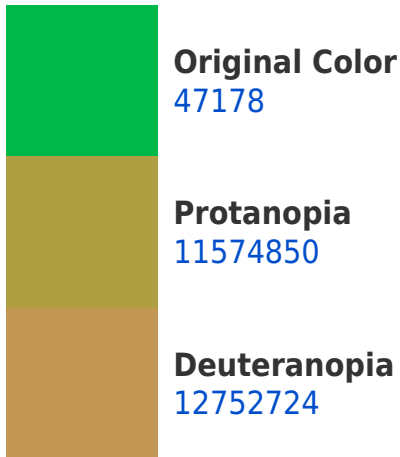


This preview shows how white text looks on a background with the Decimal color 47178.

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
4828603

Trichromacy



Original Color

47178



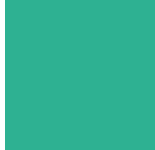
Protanomaly

7382853



Deuteranomaly

8102736



Tritanomaly

3060114

Monochromacy



Original Color

47178



Achromatopsia

7631988



Achromatomaly

4885861

CSS Examples

Text

The CSS property to change the color of the text to Decimal 47178 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 #00B84A looks like.

```
.text, #text, p{  
    color:#00B84A  
}
```

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 #00B84A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B84A
}
```

Border

The CSS property to change the border of an element to Decimal 47178 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
#00B84A }
```

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

```
.border{ border-color:#00B84A }
```

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

Here you see how a box with a 4 pixel #00B84A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B84A; -webkit-box-shadow:4px 4px  
4px 4px #00B84A; box-shadow:4px 4px 4px  
4px #00B84A }
```

Background

The CSS property to change the background color of an element to Decimal 47178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B84A }
```

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

```
.background{ background-color:#00B84A }
```

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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