

Converting Colors

Decimal(50289)

Have a look what the booklet for
Decimal(50289) contains.

Decimal(50289)	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(50289)

Conversions

Conversions Part 1

Format	Color
Hex	00C471
RGB	0, 196, 113
RGB Percent	0%, 77%, 44%
CMY	1.0000, 0.2314, 0.5569
CMYK	1.00, 0.00, 0.42, 0.23
HSL	155°, 100%, 38%
HSV	155°, 100%, 77%
XYZ	22.7206, 40.6721, 22.2758
YIQ	127.9340, -90.1730, -67.3650

Conversions

Conversions Part 2

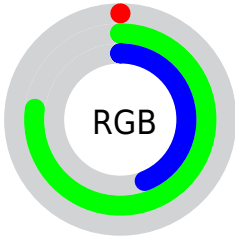
Format	Color
RYB	0, 124, 196
Decimal	50289
CIELab	69.95, -60.14, 30.33
CIELCh	70, 67.361, 153.235
Yxy	40.6721, 0.2652, 0.4748
Android (android.graphics.Color)	4278240369 (0xFF00C471)
YUV	127.9340, -7.3625, -112.1981
Hunter-Lab	63.7747, -48.0128, 23.9329

Details

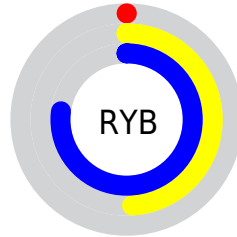
The Decimal color **50289** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **12845139**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **6553254**, and **36160** is the 20% darker color. If you saturate the color by 10%, you get **50289**, and if you desaturate by 10%, it is **1361017**.

Distribution



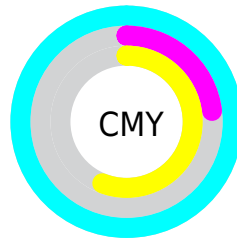
- Red (0%)
- Green (77%)
- Blue (44%)



- Red (0%)
- Yellow (49%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 50289 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 50289 by changing the saturation by 10% instead.

 50289	 50289
16777215	 43096
 6553254	 36160
 8650689	 29224
 10682333	 22544
 12713978	 16128
 14680063	 10240
16711679	 0

 50289

 1361017

■ 2606210

■ 3916938

■ 5162130

■ 6472859

■ 7783587

■ 9028779

■ 10339507

■ 11584700

Harmonies

Analogous

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



8829499



50289



51376

Triad

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



50289



45311



16743275

Complementary

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



50289



12845139

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.



16740519



50289



11901183

Square

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



50289



49407



16416483



16094010

Rectangle

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



50289



51417



16416483



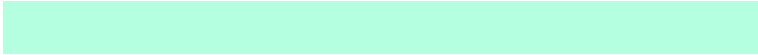
16741758

Sweetspot

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



50289



11796447



5620736



5406828



0



8421504

Same Dimension

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



50289



65427



47044



5726557



41309



8467

Inverse Universe

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



12845139



16711788



12848384



6379355



10551364



2162702

Previews

White Background



This preview shows how the Decimal color 50289 looks on a white background.

Color Contrast Check

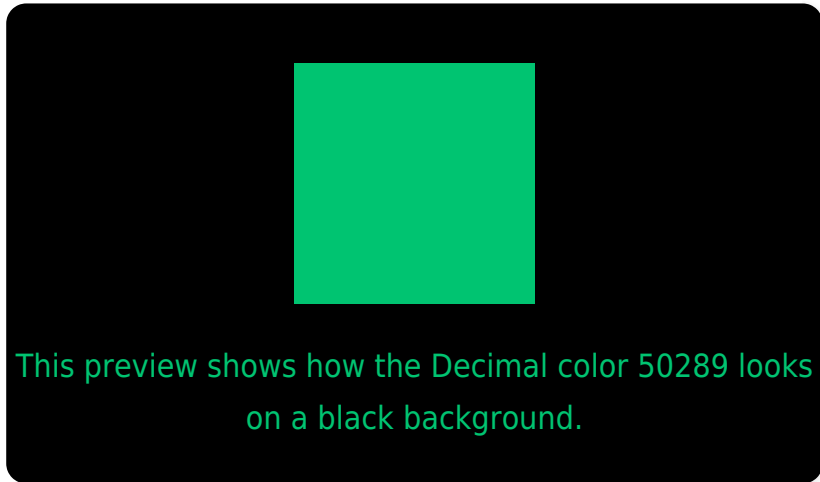
Large Text (above 18pt) WCAG AA × Fail

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

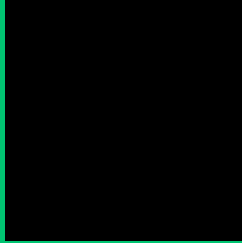
Any Text WCAG AA ✓ Pass

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 50289 Background



This preview shows how black text looks on a background with the Decimal color 50289.

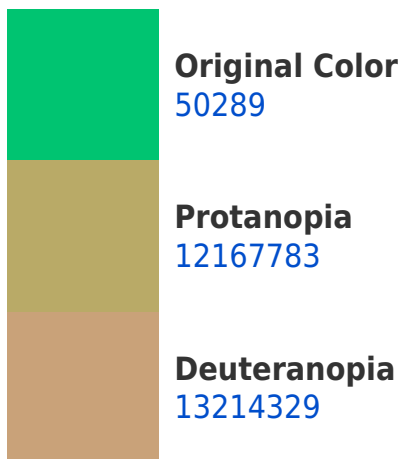


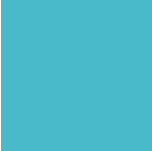
This preview shows how white text looks on a background with the Decimal color 50289.

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
4766409

Trichromacy



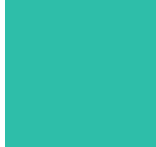
Original Color
50289



Protanomaly
7779179



Deuteranomaly
8433270



Tritanomaly
3063465

Monochromacy



Original Color
50289



Achromatopsia
8421504



Achromatomaly
5347707

CSS Examples

Text

The CSS property to change the color of the text to Decimal 50289 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 #00C471 looks like.

```
.text, #text, p{  
    color:#00C471  
}
```

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 #00C471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C471
}
```

Border

The CSS property to change the border of an element to Decimal 50289 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
#00C471 }
```

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

```
.border{ border-color:#00C471 }
```

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

Here you see how a box with a 4 pixel #00C471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C471; -webkit-box-shadow:4px 4px  
4px 4px #00C471; box-shadow:4px 4px 4px  
4px #00C471 }
```

Background

The CSS property to change the background color of an element to Decimal 50289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C471 }
```

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

```
.background{ background-color:#00C471 }
```

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