

Converting Colors

Decimal(3588462)

Have a look what the booklet for
Decimal(3588462) contains.

Decimal(3588462)	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(3588462)

Conversions

Conversions Part 1

Format	Color
Hex	36C16E
RGB	54, 193, 110
RGB Percent	21%, 76%, 43%
CMY	0.7882, 0.2431, 0.5686
CMYK	0.72, 0.00, 0.43, 0.24
HSL	144°, 56%, 48%
HSV	144°, 72%, 76%
XYZ	23.4058, 40.0500, 21.2487
YIQ	141.9770, -56.2010, -55.2810

Conversions

Conversions Part 2

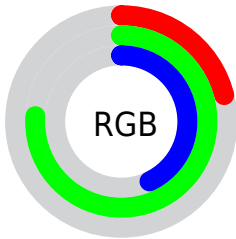
Format	Color
RYB	54, 153, 193
Decimal	3588462
CIELab	69.51, -55.16, 31.41
CIELCh	70, 63.476, 150.336
Yxy	40.0500, 0.2763, 0.4728
Android (android.graphics.Color)	4281778542 (0xFF36C16E)
YUV	141.9770, -15.7647, -77.1558
Hunter-Lab	63.2851, -44.7313, 24.3923

Details

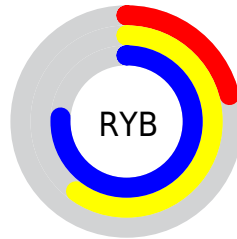
The Decimal color **3588462** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **12662409**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **7863203**, and **35389** is the 20% darker color. If you saturate the color by 10%, you get **2343266**, and if you desaturate by 10%, it is **4833658**.

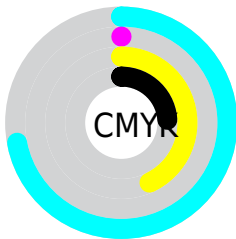
Distribution



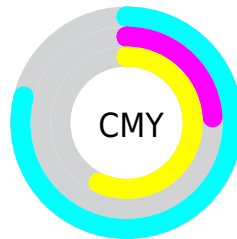
- Red (21%)
- Green (76%)
- Blue (43%)



- Red (21%)
- Yellow (60%)
- Blue (76%)



- Cyan (72%)
- Magenta (0%)
- Yellow (43%)
- Black (24%)



- Cyan (79%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3588462 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 3588462 by changing the saturation by 10% instead.

 3588462

 3588462

16777215

 42325

 7863203

 35389

 9830334

 28709

 11796442

 22028

 13762551

 15616

 15728639

 9984

 0

 3588462

 3588462

 2343266

 4833658

■ 1032535

■ 6144389

■ 49486

■ 7389585

■ 8634780

■ 9945512

■ 11190707

■ 12435903

■ 13681098

■ 14991830

Harmonies

Analogous

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



9353022



3588462



50601

Triad

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



3588462



45311



16743539

Complementary

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



3588462



12662409

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.



16741548



3588462



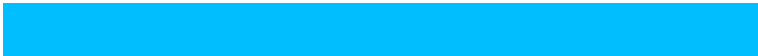
11246335

Square

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



3588462



48895



15762148



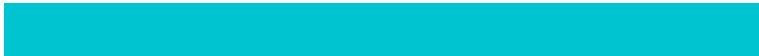
16027972

Rectangle

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



3588462



50640



15762148



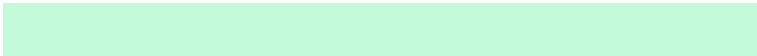
16742277

Sweetspot

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



3588462



12843737



9027894



6061418



16579836



8224125

Same Dimension

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



3588462



2357882



3588531



5726555



41281



8461

Inverse Universe

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



12662409



16393123



12662340



6379357



10551392



2162708

Previews

White Background



This preview shows how the Decimal color 3588462 looks on a white background.

Color Contrast Check

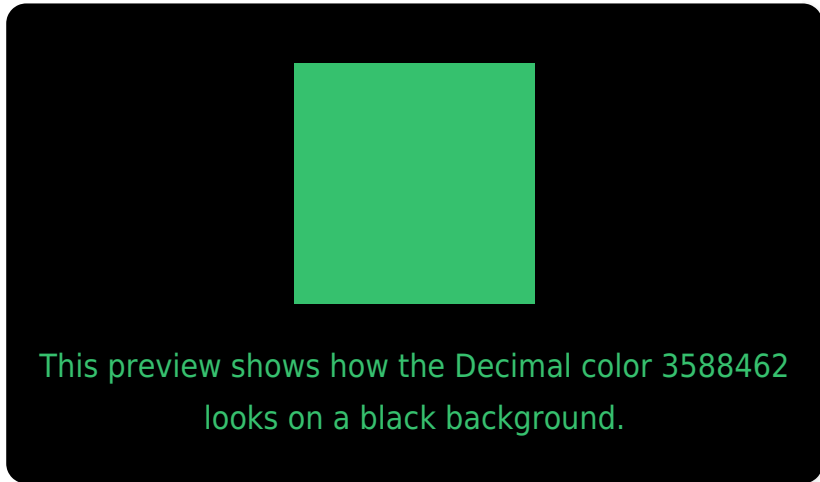
Large Text (above 18pt) WCAG AA × Fail

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

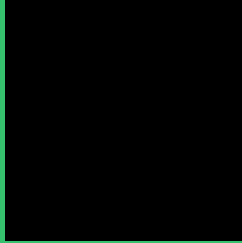
Any Text WCAG AA ✓ Pass

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 3588462 Background



This preview shows how black text looks on a background with the Decimal color 3588462.



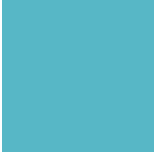
This preview shows how white text looks on a background with the Decimal color 3588462.

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
5748678

Trichromacy



Original Color

3588462



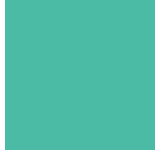
Protanomaly

9023848



Deuteranomaly

9743731



Tritanomaly

4963238

Monochromacy



Original Color

3588462



Achromatopsia

9342606



Achromatomaly

7250306

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3588462 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 #36C16E looks like.

```
.text, #text, p{  
    color:#36C16E  
}
```

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 #36C16E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36C16E
}
```

Border

The CSS property to change the border of an element to Decimal 3588462 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
#36C16E }
```

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

```
.border{ border-color:#36C16E }
```

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

Here you see how a box with a 4 pixel #36C16E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36C16E; -webkit-box-shadow:4px 4px  
4px 4px #36C16E; box-shadow:4px 4px 4px  
4px #36C16E }
```

Background

The CSS property to change the background color of an element to Decimal 3588462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36C16E }
```

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

```
.background{ background-color:#36C16E }
```

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