

Converting Colors

Decimal(43084)

Have a look what the booklet for
Decimal(43084) contains.

Decimal(43084)	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(43084)

Conversions

Conversions Part 1

Format	Color
Hex	00A84C
RGB	0, 168, 76
RGB Percent	0%, 66%, 30%
CMY	1.0000, 0.3412, 0.7020
CMYK	1.00, 0.00, 0.55, 0.34
HSL	147°, 100%, 33%
HSV	147°, 100%, 66%
XYZ	15.3071, 28.5271, 11.5370
YIQ	107.2800, -70.5960, -64.2280

Conversions

Conversions Part 2

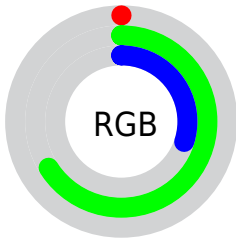
Format	Color
RYB	0, 116, 168
Decimal	43084
CIELab	60.36, -57.11, 37.02
CIELCh	60, 68.061, 147.050
Yxy	28.5271, 0.2764, 0.5152
Android (android.graphics.Color)	4278233164 (0xFF00A84C)
YUV	107.2800, -15.4210, -94.0846
Hunter-Lab	53.4107, -42.3119, 24.5806

Details

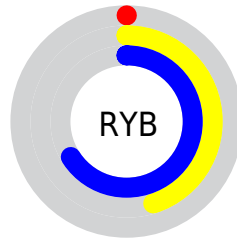
The Decimal color **43084** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **11010140**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **6021247**, and **29210** is the 20% darker color. If you saturate the color by 10%, you get **43084**, and if you desaturate by 10%, it is **1157205**.

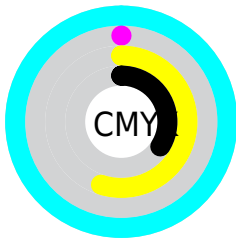
Distribution



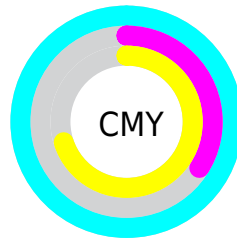
- Red (0%)
- Green (66%)
- Blue (30%)



- Red (0%)
- Yellow (45%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (34%)





- Cyan (100%)
- Magenta (34%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 43084 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 43084 by changing the saturation by 10% instead.

 43084  43084

16777215  36147

 6021247  29210

 8060570  22784

 10026933  16384

 11993041  10496

 13959149  512

 15925247  0

 43084

 1157205

 2271326

 3319912

 4434033

 5548154

 6662275

 7776396

 8824982

 9939103

Harmonies

Analogous

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



7970319



43084



44426

Triad

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



43084



39935



16341855

Complementary

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



43084



11010140

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.



16274586



43084



8684797

Square

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



43084



43254



13920468



14709801

Rectangle

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



43084



44467



13920468



16536946

Sweetspot

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



43084



10148791



6072320



4615768



15592941



7237230

Same Dimension

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



43084



56163



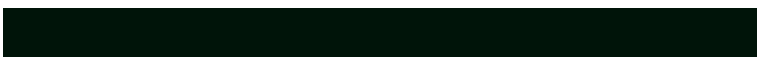
43168



5002320



37955



5129

Inverse Universe

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



11010140



14352504



11010056



5524560



9699409



1310731

Previews

White Background



This preview shows how the Decimal color 43084 looks on a white background.

Color Contrast Check

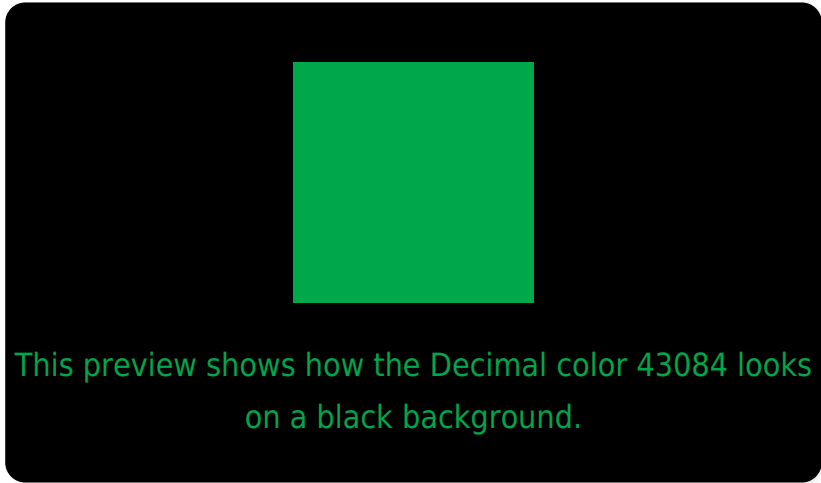
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Decimal 43084 Background



This preview shows how black text looks on a background with the Decimal color 43084.

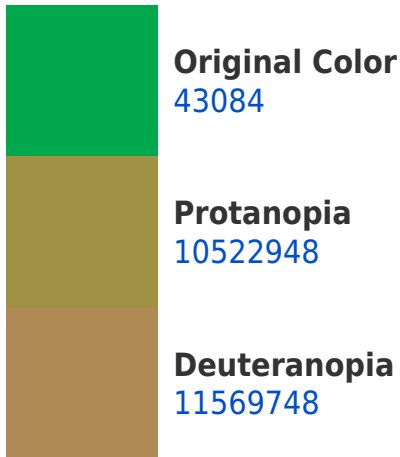


This preview shows how white text looks on a background with the Decimal color 43084.

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



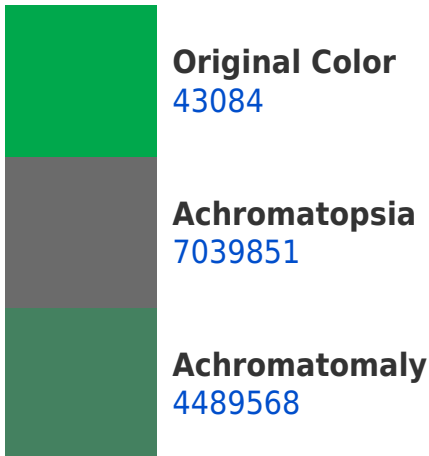


Tritanopia
4365995

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 43084 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 #00A84C looks like.

```
.text, #text, p{  
    color:#00A84C  
}
```

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 #00A84C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A84C
}
```

Border

The CSS property to change the border of an element to Decimal 43084 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
#00A84C }
```

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

```
.border{ border-color:#00A84C }
```

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

Here you see how a box with a 4 pixel #00A84C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A84C; -webkit-box-shadow:4px 4px  
4px 4px #00A84C; box-shadow:4px 4px 4px  
4px #00A84C }
```

Background

The CSS property to change the background color of an element to Decimal 43084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A84C }
```

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

```
.background{ background-color:#00A84C }
```

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