

# Converting Colors

Decimal(35646)

Have a look what the booklet for  
Decimal(35646) contains.

<b>Decimal(35646)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(35646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008B3E
RGB	0, 139, 62
RGB Percent	0%, 55%, 24%
CMY	1.0000, 0.4549, 0.7569
CMYK	1.00, 0.00, 0.55, 0.45
HSL	147°, 100%, 27%
HSV	147°, 100%, 55%
XYZ	10.1021, 18.8130, 7.6563
YIQ	88.6610, -58.1270, -53.4150

# Conversions

## Conversions Part 2

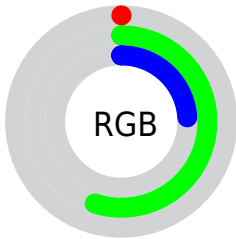
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 96, 139
Decimal	35646
CIELab	50.47, -49.66, 32.05
CIELCh	50, 59.100, 147.160
Yxy	18.8130, 0.2762, 0.5144
Android (android.graphics.Color)	4278225726 (0xFF008B3E)
YUV	88.6610, -13.1439, -77.7557
Hunter-Lab	43.3740, -34.3305, 19.8961

# Details

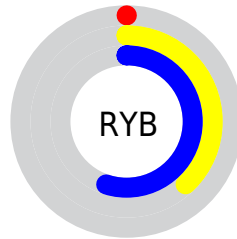
The Decimal color **35646** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9109581**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **5423727**, and **22286** is the 20% darker color. If you saturate the color by 10%, you get **35646**, and if you desaturate by 10%, it is **953158**.

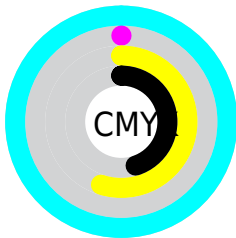
# Distribution



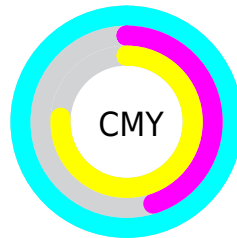
- Red (0%)
- Green (55%)
- Blue (24%)



- Red (0%)
- Yellow (38%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (76%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 35646 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 35646 by changing the saturation by 10% instead.



 35646  35646

16777215  28966

 5423727  22286

 7397001  16128

 9304996  10496

 11141056  768

 13107164  0

 15007736

 35646

 953158

 1870669


 2788181

 3705693

 4623204

 5475180

 6392692

 7310204

 8227715

# Harmonies

## Analogous

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



6521611



35646



36722

# Triad

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



35646



32989



13585229

# Complementary

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



35646



9109581

# 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.



13517951



35646



7171538

# Square

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



35646



35788



11556272



12214304

# Rectangle

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



35646



36756



11556272



13780573



# Sweetspot

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



35646



8369559



5212928



3890249



14408667



6052956



# Same Dimension

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



35646



46417



35714



4080961



34107



1282



# Inverse Universe

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



9109581



11862116



9109513



4537922



8716361



327683



# Previews

## White Background



This preview shows how the Decimal color 35646 looks on a white background.

## Color Contrast Check

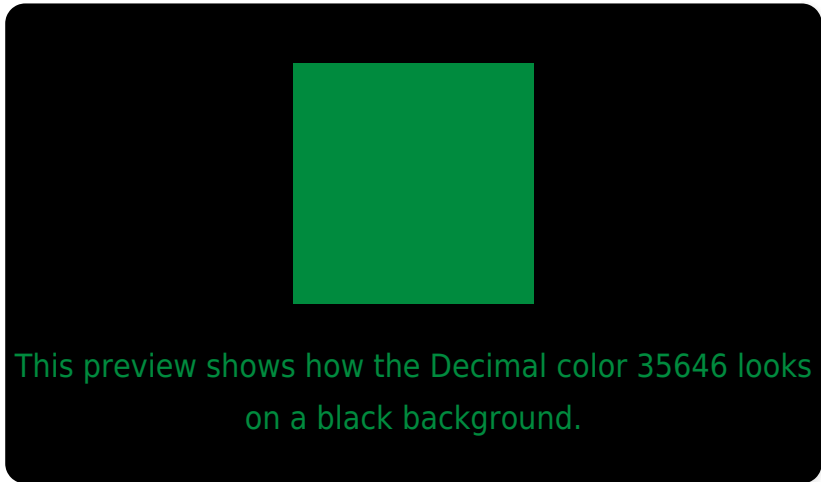
Large Text (above 18pt) WCAG AA ✓ Pass

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 35646 Background



This preview shows how black text looks on a background with the Decimal color 35646.



This preview shows how white text looks on a background with the Decimal color 35646.

# 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**  
35646

**Protanopia**  
8747064

**Deuteranopia**  
9597509



**Tritanopia**  
3572621

# Trichromacy



**Original Color**

35646



**Protanomaly**

5603130



**Deuteranomaly**

6126402



**Tritanomaly**

2262640

# Monochromacy



**Original Color**

35646



**Achromatopsia**

5855577



**Achromatomaly**

3763023

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 35646 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 #008B3E looks like.

```
.text, #text, p{  
    color:#008B3E  
}
```

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 #008B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008B3E
}
```

## Border

The CSS property to change the border of an element to Decimal 35646 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
#008B3E }
```

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

```
.border{ border-color:#008B3E }
```

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

Here you see how a box with a 4 pixel #008B3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008B3E; -webkit-box-shadow:4px 4px  
4px 4px #008B3E; box-shadow:4px 4px 4px  
4px #008B3E }
```

# Background

The CSS property to change the background color of an element to Decimal 35646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008B3E }
```

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

```
.background{ background-color:#008B3E }
```

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