

# Converting Colors

Decimal(36420)

Have a look what the booklet for  
Decimal(36420) contains.

<b>Decimal(36420)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(36420)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008E44
RGB	0, 142, 68
RGB Percent	0%, 56%, 27%
CMY	1.0000, 0.4431, 0.7333
CMYK	1.00, 0.00, 0.52, 0.44
HSL	149°, 100%, 28%
HSV	149°, 100%, 56%
XYZ	10.7164, 19.7634, 8.7187
YIQ	91.1060, -60.8780, -53.1180

# Conversions

## Conversions Part 2

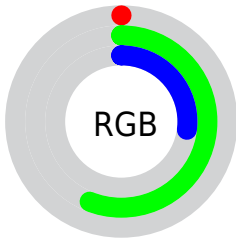
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 96, 142
Decimal	36420
CIELab	51.57, -49.69, 30.29
CIELCh	52, 58.200, 148.634
Yxy	19.7634, 0.2734, 0.5042
Android (android.graphics.Color)	4278226500 (0xFF008E44)
YUV	91.1060, -11.3913, -79.9000
Hunter-Lab	44.4560, -34.7695, 19.4912

# Details

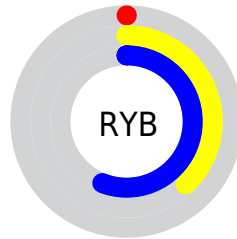
The Decimal color **36420** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9306186**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **5490038**, and **23061** is the 20% darker color. If you saturate the color by 10%, you get **36420**, and if you desaturate by 10%, it is **953931**.

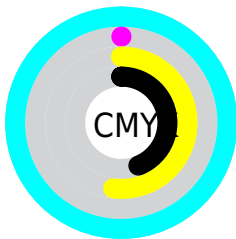
# Distribution



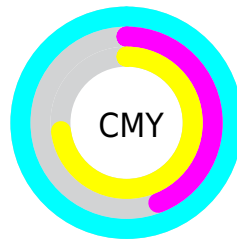
- Red (0%)
- Green (56%)
- Blue (27%)



- Red (0%)
- Yellow (38%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 36420 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 36420 by changing the saturation by 10% instead.



 36420  36420

16777215  29740

 5490038  23061

 7463312  16640

 9371307  11264

 11272134  2816

 13172706  0

 15073279

 36420

 953931

■ 1871443

■ 2854490

■ 3772002

■ 4689513

■ 5607024

■ 6524536

■ 7507583

■ 8425095

# Harmonies

## Analogous

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



6587925



36420



37495

# Triad

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



36420



33503



13717326

# Complementary

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



36420



9306186

# 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.



13715583



36420



7696339

# Square

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



36420



36304



11819184



12280867

# Rectangle

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



36420



37529



11819184



13912926



# Sweetspot

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



36420



8501403



5017088



3890251



14408667



6052956



# Same Dimension

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



36420



47192



36489



4212548



34625



2052



# Inverse Universe

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



9306186



12058720



9306117



4669508



8847430



524292



# Previews

## White Background



This preview shows how the Decimal color 36420 looks on a white background.

### Color Contrast Check

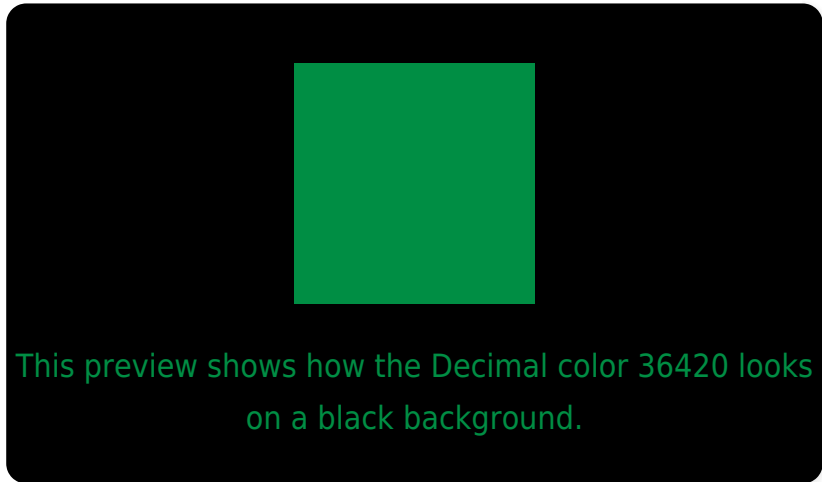
Large Text (above 18pt) WCAG AA ✓ Pass

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 36420 Background



This preview shows how black text looks on a background with the Decimal color 36420.



This preview shows how white text looks on a background with the Decimal color 36420.

# 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**  
36420

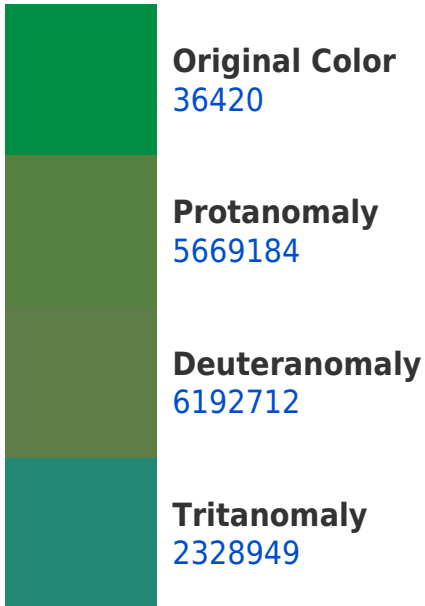
**Protanopia**  
8878653

**Deuteranopia**  
9729355



**Tritanopia**  
3638929

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 36420 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 #008E44 looks like.

```
.text, #text, p{  
    color:#008E44  
}
```

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 #008E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E44
}
```

## Border

The CSS property to change the border of an element to Decimal 36420 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
#008E44 }
```

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

```
.border{ border-color:#008E44 }
```

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

Here you see how a box with a 4 pixel #008E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E44; -webkit-box-shadow:4px 4px  
4px 4px #008E44; box-shadow:4px 4px 4px  
4px #008E44 }
```

# Background

The CSS property to change the background color of an element to Decimal 36420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E44 }
```

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

```
.background{ background-color:#008E44 }
```

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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