

# Converting Colors

Decimal(24068)

Have a look what the booklet for  
Decimal(24068) contains.

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# Color

**Decimal(24068)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005E04
RGB	0, 94, 4
RGB Percent	0%, 37%, 2%
CMY	1.0000, 0.6314, 0.9843
CMYK	1.00, 0.00, 0.96, 0.63
HSL	123°, 100%, 18%
HSV	123°, 100%, 37%
XYZ	4.0246, 8.0142, 1.4496
YIQ	55.6340, -27.1340, -47.9180

# Conversions

## Conversions Part 2

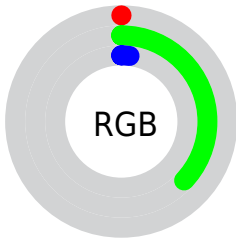
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 90, 94
Decimal	24068
CIELab	34.01, -41.30, 38.83
CIELCh	34, 56.683, 136.766
Yxy	8.0142, 0.2984, 0.5942
Android (android.graphics.Color)	4278214148 (0xFF005E04)
YUV	55.6340, -25.4556, -48.7910
Hunter-Lab	28.3093, -24.1647, 16.7805

# Details

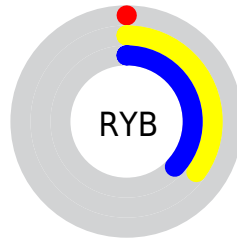
The Decimal color **24068** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6160474**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **4559418**, and **12032** is the 20% darker color. If you saturate the color by 10%, you get **24068**, and if you desaturate by 10%, it is **613901**.

# Distribution



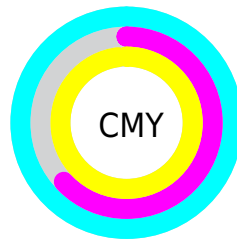
- Red (0%)
- Green (37%)
- Blue (2%)



- Red (0%)
- Yellow (35%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (96%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (98%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 24068 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 24068 by changing the saturation by 10% instead.



 24068  24068

 16777205  17920

 4559418  12032

 6401106  5888

 8177772  0

 10019974

 11861921

 13696956

 15597528

 24068

 613901

 1269270

 1859103

 2514472

 3104305

 3694138

 4349507

 4939340

 5594709

# Harmonies

## Analogous

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



4937216



24068



25146

# Triad

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



24068



23464



10294585

# Complementary

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



24068



6160474

# 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.



9771366



24068



19879

# Square

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



24068



25233



7353998



9383948

# Rectangle

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



24068



25433



7353998



10293320



# Sweetspot

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



24068



5667415



5987840



2571560



12434877



4013373



# Same Dimension

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



24068



31237



24114



2698794



28165



60682



# Inverse Universe

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



6160474



7995509



6160428



3025198



7209065

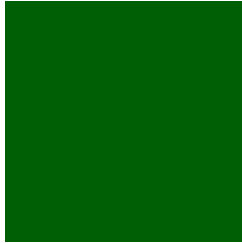


15532259



# Previews

## White Background



This preview shows how the Decimal color 24068 looks on a white background.

## Color Contrast Check

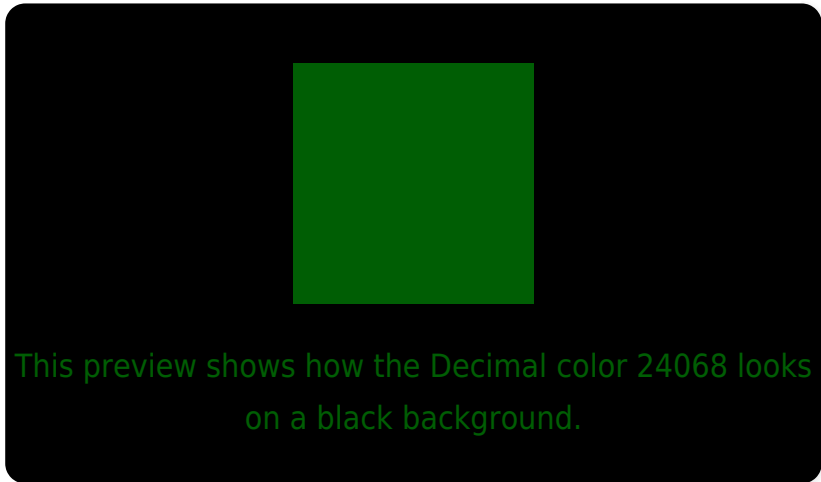
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

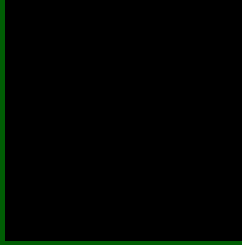
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 24068 Background



This preview shows how black text looks on a background with the Decimal color 24068.



This preview shows how white text looks on a background with the Decimal color 24068.

# 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**  
24068

**Protanopia**  
5984256

**Deuteranopia**  
6638613



**Tritanopia**  
2578270

# Trichromacy



**Original Color**  
24068

**Protanomaly**  
3822849

**Deuteranomaly**  
4215567

**Tritanomaly**  
1661501

# Monochromacy



**Original Color**  
24068

**Achromatopsia**  
3684408

**Achromatomaly**  
2377253

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 24068 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 #005E04 looks like.

```
.text, #text, p{  
    color:#005E04  
}
```

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 #005E04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005E04
}
```

## Border

The CSS property to change the border of an element to Decimal 24068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

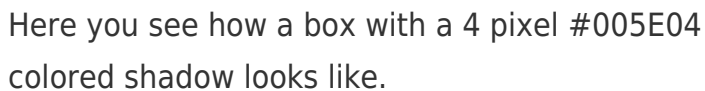
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005E04 }
```

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

```
.border{ border-color:#005E04 }
```

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



Here you see how a box with a 4 pixel #005E04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005E04; -webkit-box-shadow:4px 4px  
4px 4px #005E04; box-shadow:4px 4px 4px  
4px #005E04 }
```

# Background

The CSS property to change the background color of an element to Decimal 24068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005E04 }
```

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

```
.background{ background-color:#005E04 }
```

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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