

# Converting Colors

Decimal(29464)

Have a look what the booklet for  
Decimal(29464) contains.

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# Color

**Decimal(29464)**

# Conversions

Conversions Part 1	
Format	Color
Hex	007318
RGB	0, 115, 24
RGB Percent	0%, 45%, 9%
CMY	1.0000, 0.5490, 0.9059
CMYK	1.00, 0.00, 0.79, 0.55
HSL	133°, 100%, 23%
HSV	133°, 100%, 45%
XYZ	6.2956, 12.3274, 2.9118
YIQ	70.2410, -39.3290, -52.6810

# Conversions

## Conversions Part 2

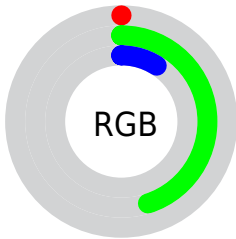
Format	Color
<a href="#">RYB</a>	<a href="#">0, 95, 115</a>
Decimal	<a href="#">29464</a>
CIELab	<a href="#">41.73, -46.54, 39.73</a>
CIElCh	<a href="#">42, 61.192, 139.515</a>
Yxy	<a href="#">12.3274, 0.2923, 0.5724</a>
Android (android.graphics.Color)	<a href="#">4278219544</a> <a href="#">(0xFF007318)</a>
YUV	<a href="#">70.2410, -22.7968, -61.6014</a>
Hunter-Lab	<a href="#">35.1104, -29.4366, 19.6603</a>

# Details

The Decimal color **29464** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7536731**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **5023818**, and **16640** is the 20% darker color. If you saturate the color by 10%, you get **29464**, and if you desaturate by 10%, it is **750369**.

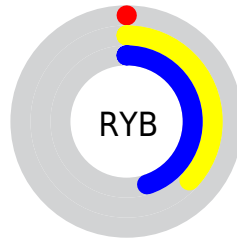
# Distribution



Red (0%)

Green (45%)

Blue (9%)



Red (0%)

Yellow (37%)

Blue (45%)

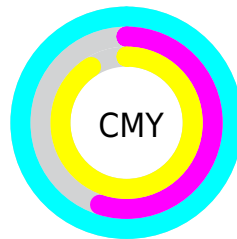


Cyan (100%)

Magenta (0%)

Yellow (79%)

Black (55%)



Cyan (100%)

Magenta (55%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 29464 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 29464 by changing the saturation by 10% instead.




 29464  29464

16777215  23040

 5023818  16640

 6866020  11264

 8708222  3072

 10616216  0

 12451764

 14352336

 16318444

 29464

 750369

 1536810

 2323251

 3044156

 3830598

 4551503

 5337944

 6058849

 6845290

# Harmonies

## Analogous

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



5859840



29464



30542

# Triad

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



29464



28358



12134724

# Complementary

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



29464



7536731

# 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.



11675766



29464



3104194

# Square

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



29464



30383



9192357



11026963

# Rectangle

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



29464



30834



9192357



12198997



# Sweetspot

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



29464



6919795



6058752



3231031



13421772



5066061



# Same Dimension

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



29464



38431



29521



3488566



31258



64052



# Inverse Universe

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



7536731



9830519



7536675



3880249



7995489

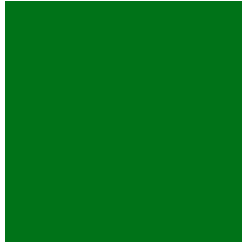


16384198



# Previews

## White Background



This preview shows how the Decimal color 29464 looks on a white background.

## Color Contrast Check

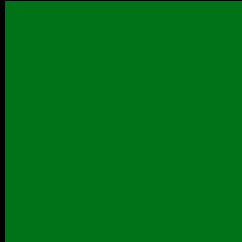
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 29464 looks on a black 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

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



## Decimal 29464 Background



This preview shows how black text looks on a background with the Decimal color 29464.



This preview shows how white text looks on a background with the Decimal color 29464.

# 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**  
[29464](#)

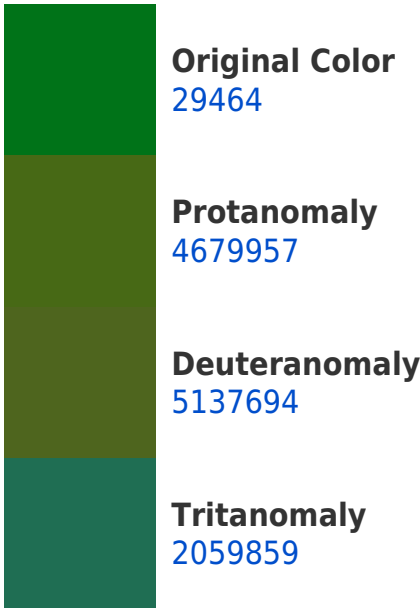
**Protanopia**  
[7299860](#)

**Deuteranopia**  
[8084770](#)

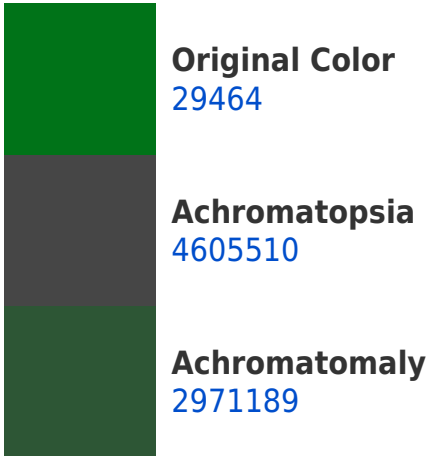


**Tritanopia**  
3173236

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 29464 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 #007318 looks like.

```
.text, #text, p{  
    color:#007318  
}
```

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 #007318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007318
}
```

## Border

The CSS property to change the border of an element to Decimal 29464 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
#007318 }
```

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

```
.border{ border-color:#007318 }
```

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

Here you see how a box with a 4 pixel #007318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007318; -webkit-box-shadow:4px 4px  
4px 4px #007318; box-shadow:4px 4px 4px  
4px #007318 }
```

# Background

The CSS property to change the background color of an element to Decimal 29464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007318 }
```

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

```
.background{ background-color:#007318 }
```

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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