

# Converting Colors

Decimal(32818)

Have a look what the booklet for  
Decimal(32818) contains.

<b>Decimal(32818)</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> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**Decimal(32818)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008032
RGB	0, 128, 50
RGB Percent	0%, 50%, 20%
CMY	1.0000, 0.4980, 0.8039
CMYK	1.00, 0.00, 0.61, 0.50
HSL	143°, 100%, 25%
HSV	143°, 100%, 50%
XYZ	8.2949, 15.6686, 5.6048
YIQ	80.8360, -51.2500, -51.3940

# Conversions

## Conversions Part 2

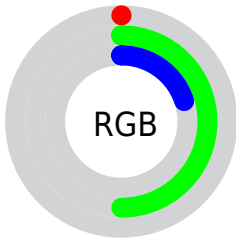
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 92, 128
Decimal	32818
CIELab	46.54, -47.77, 33.42
CIELCh	47, 58.304, 145.022
Yxy	15.6686, 0.2805, 0.5299
Android (android.graphics.Color)	4278222898 (0xFF008032)
YUV	80.8360, -15.2021, -70.8932
Hunter-Lab	39.5836, -31.8660, 19.3135

# Details

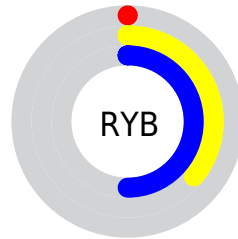
The Decimal color **32818** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **8388686**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **5224035**, and **19712** is the 20% darker color. If you saturate the color by 10%, you get **32818**, and if you desaturate by 10%, it is **884794**.

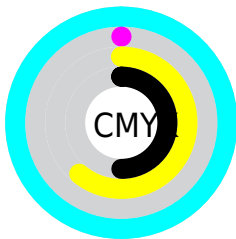
# Distribution



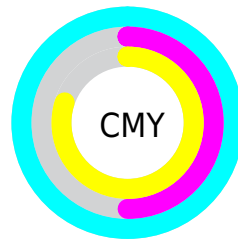
- Red (0%)
- Green (50%)
- Blue (20%)



- Red (0%)
- Yellow (36%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 32818 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 32818 by changing the saturation by 10% instead.





32818



32818

16777215



26138



5224035



19712



7131773



13568



8974231



7936



10878898



0



12779470



14680042



16646143



32818

■ 884794

■ 1736770

■ 2523209

■ 3375185

■ 4227161

■ 5079137

■ 5931113

■ 6717552

■ 7569528

# Harmonies

## Analogous

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



6125568



32818



33892

# Triad

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



32818



30672



12795720

# Complementary

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



32818



8388686

# 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.



12597881



32818



5989832

# Square

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



32818



33214



10571175



11490587

# Rectangle

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



32818



34182



10571175



12925784



# Sweetspot

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



32818



7644807



5210112



3560514



13948116



5526612



# Same Dimension

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



32818



42561



32881



3751996



0

# Inverse Universe

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



8388686



10879077



8388623



4208957



0

# Previews

## White Background



This preview shows how the Decimal color 32818 looks on a white background.

## Color Contrast Check

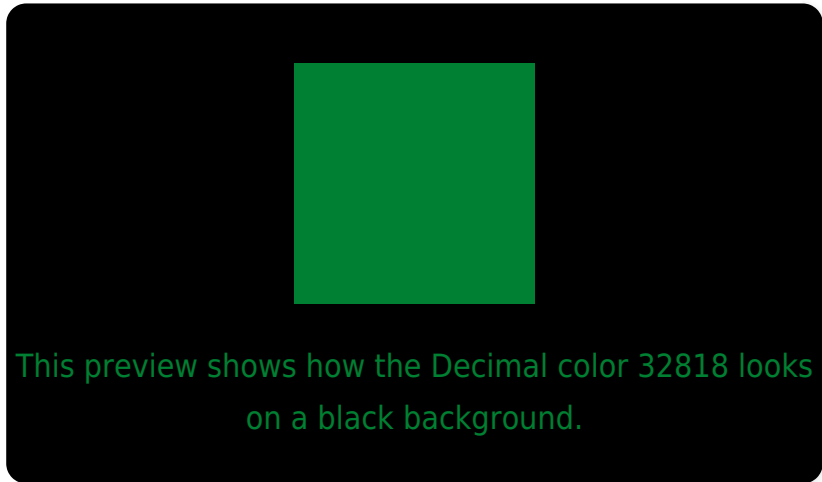
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 32818 Background



This preview shows how black text looks on a background with the Decimal color 32818.



This preview shows how white text looks on a background with the Decimal color 32818.

# 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**  
32818

**Protanopia**  
802357

**Deuteranopia**  
887429





# Trichromacy



**Original Color**  
32818



**Protanomaly**  
5141807



**Deuteranomaly**  
5665078



**Tritanomaly**  
2128741

# Monochromacy



**Original Color**  
32818



**Achromatopsia**  
5329233



**Achromatomaly**  
3433030

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 32818 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 #008032 looks like.

```
.text, #text, p{  
    color:#008032  
}
```

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 #008032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008032
}
```

## Border

The CSS property to change the border of an element to Decimal 32818 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
#008032 }
```

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

```
.border{ border-color:#008032 }
```

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

Here you see how a box with a 4 pixel #008032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008032; -webkit-box-shadow:4px 4px  
4px 4px #008032; box-shadow:4px 4px 4px  
4px #008032 }
```

# Background

The CSS property to change the background color of an element to Decimal 32818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008032 }
```

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

```
.background{ background-color:#008032 }
```

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