

# Converting Colors

Decimal(31496)

Have a look what the booklet for  
Decimal(31496) contains.

<b>Decimal(31496)</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(31496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007B08
RGB	0, 123, 8
RGB Percent	0%, 48%, 3%
CMY	1.0000, 0.5176, 0.9686
CMYK	1.00, 0.00, 0.93, 0.52
HSL	124°, 100%, 24%
HSV	124°, 100%, 48%
XYZ	7.1268, 14.1834, 2.5918
YIQ	73.1130, -36.3930, -61.8410

# Conversions

## Conversions Part 2

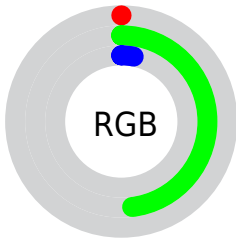
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 115, 123
Decimal	31496
CIELab	44.49, -49.91, 46.77
CIELCh	44, 68.401, 136.862
Yxy	14.1834, 0.2982, 0.5934
Android (android.graphics.Color)	4278221576 (0xFF007B08)
YUV	73.1130, -32.1007, -64.1201
Hunter-Lab	37.6609, -32.1281, 22.2824

# Details

The Decimal color **31496** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **8061043**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **5288258**, and **18432** is the 20% darker color. If you saturate the color by 10%, you get **31496**, and if you desaturate by 10%, it is **817939**.

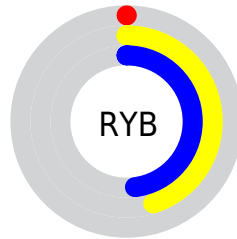
# Distribution



Red (0%)

Green (48%)

Blue (3%)



Red (0%)

Yellow (45%)

Blue (48%)

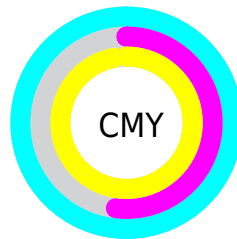


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (52%)



Cyan (100%)

Magenta (52%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 31496 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 31496 by changing the saturation by 10% instead.




 31496  31496

16777215  24832

 5288258  18432

 7130460  12544

 9038198  6144

 10944401  0

 12844973

 14745545

 16711653

 31496

■ 817939

■ 1669919

■ 2456362

■ 3242806

■ 4094786

■ 4881229

■ 5667673

■ 6454116

■ 7306096

# Harmonies

## Analogous

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



6451200



31496



32845

# Triad

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



31496



30681



13311820

# Complementary

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



31496



8061043

# 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.



12592261



31496



26072

# Square

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



31496



32956



9586872



12140819

# Rectangle

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



31496



33141



9586872



13310303



# Sweetspot

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



31496



7381364



7699200



3428918



13750737



5395026



# Same Dimension

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



31496



41226



31556



3620151



32008



64528



# Inverse Universe

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



8061043



10551446



8060983



4011837



8192117

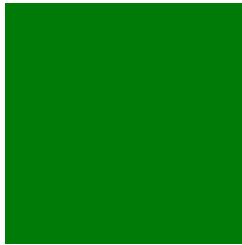


16515308



# Previews

## White Background



This preview shows how the Decimal color 31496 looks on a white background.

### Color Contrast Check

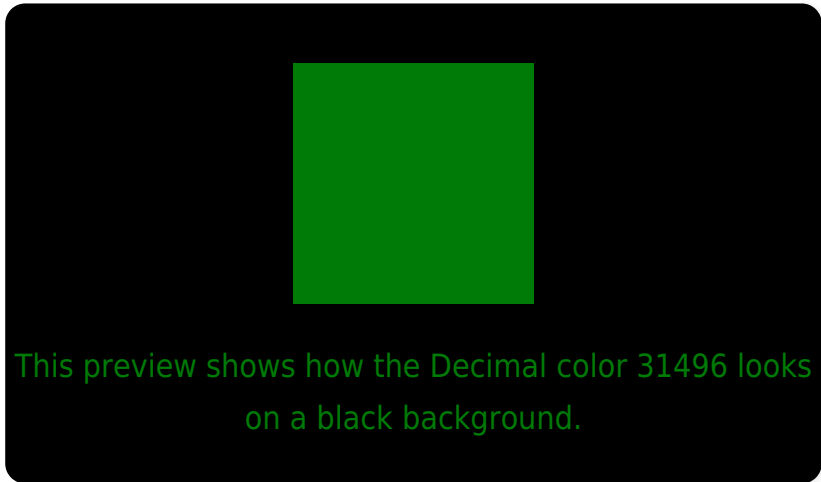
Large Text (above 18pt) WCAG AA ✓ Pass

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 31496 Background



This preview shows how black text looks on a background with the Decimal color 31496.



This preview shows how white text looks on a background with the Decimal color 31496.

# 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**  
31496

**Protanopia**  
7825664

**Deuteranopia**  
8676380



**Tritanopia**  
3437180

# Trichromacy



**Original Color**  
31496



**Protanomaly**  
5009411



**Deuteranomaly**  
5532693



**Tritanomaly**  
2192722

# Monochromacy



**Original Color**  
31496



**Achromatopsia**  
4802889



**Achromatomaly**  
3038001

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 31496 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 #007B08 looks like.

```
.text, #text, p{  
    color:#007B08  
}
```

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 #007B08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007B08
}
```

## Border

The CSS property to change the border of an element to Decimal 31496 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
#007B08 }
```

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

```
.border{ border-color:#007B08 }
```

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

Here you see how a box with a 4 pixel #007B08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007B08; -webkit-box-shadow:4px 4px  
4px 4px #007B08; box-shadow:4px 4px 4px  
4px #007B08 }
```

# Background

The CSS property to change the background color of an element to Decimal 31496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007B08 }
```

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

```
.background{ background-color:#007B08 }
```

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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