

# Converting Colors

Decimal(30480)

Have a look what the booklet for  
Decimal(30480) contains.

<b>Decimal(30480)</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(30480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007710
RGB	0, 119, 16
RGB Percent	0%, 47%, 6%
CMY	1.0000, 0.5333, 0.9373
CMYK	1.00, 0.00, 0.87, 0.53
HSL	128°, 100%, 23%
HSV	128°, 100%, 47%
XYZ	6.6904, 13.2311, 2.6914
YIQ	71.6770, -37.8610, -57.2610

# Conversions

## Conversions Part 2

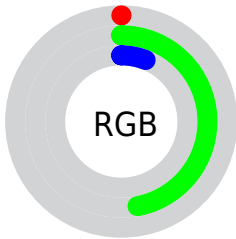
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 105, 119
Decimal	30480
CIELab	43.11, -48.34, 43.65
CIELCh	43, 65.130, 137.914
Yxy	13.2311, 0.2959, 0.5851
Android (android.graphics.Color)	4278220560 (0xFF007710)
YUV	71.6770, -27.4488, -62.8607
Hunter-Lab	36.3745, -30.8240, 21.0751

# Details

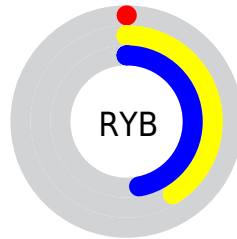
The Decimal color **30480** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7798887**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **5155910**, and **17664** is the 20% darker color. If you saturate the color by 10%, you get **30480**, and if you desaturate by 10%, it is **816922**.

# Distribution



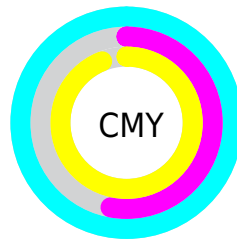
- Red (0%)
- Green (47%)
- Blue (6%)



- Red (0%)
- Yellow (41%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (87%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (94%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 30480 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 30480 by changing the saturation by 10% instead.



 30480  30480

16777215  23808

 5155910  17664

 6998111  11776

 8906105  4864


 10747796  0

 12648367

 14548939

 16515048

 30480

 816922

 1603365

 2389807

 3176249

 3897155

 4683598

 5470040

 6256482

 7042925

# Harmonies

## Analogous

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



6188288



30480



31821

# Triad

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



30480



29648



12723016

# Complementary

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



30480



7798887

# 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.



12134014



30480



1597902

# Square

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



30480



31670



9389743



11616531

# Rectangle

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



30480



32115



9389743



12787290



# Sweetspot

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



30480



7183475



6780672



3362614



13619151



5197647



# Same Dimension

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



30480



39957



30539



3488566



31248



64034



# Inverse Universe

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



7798887



10223751



7798828



3880250



7995498

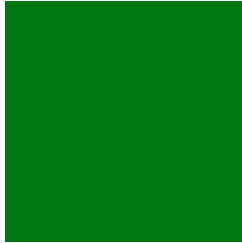


16384216



# Previews

## White Background



This preview shows how the Decimal color 30480 looks on a white background.

### Color Contrast Check

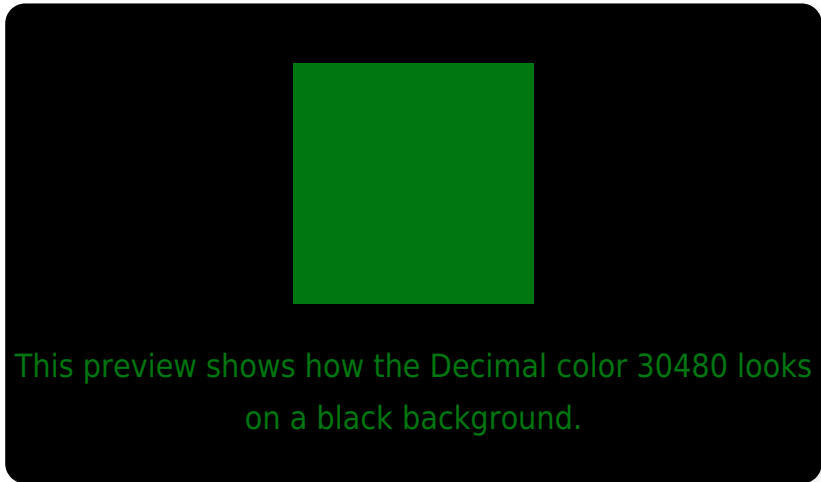
Large Text (above 18pt) WCAG AA ✓ Pass

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 30480 Background



This preview shows how black text looks on a background with the Decimal color 30480.



This preview shows how white text looks on a background with the Decimal color 30480.

# 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**  
30480

**Protanopia**  
7562762

**Deuteranopia**  
8413470



# Trichromacy



**Original Color**  
30480



**Protanomaly**  
4811788



**Deuteranomaly**  
5335321



**Tritanomaly**  
2126418

# Monochromacy



**Original Color**  
30480



**Achromatopsia**  
4737096



**Achromatomaly**  
3037492

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 30480 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 #007710 looks like.

```
.text, #text, p{  
    color:#007710  
}
```

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 #007710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007710
}
```

## Border

The CSS property to change the border of an element to Decimal 30480 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
#007710 }
```

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

```
.border{ border-color:#007710 }
```

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

Here you see how a box with a 4 pixel #007710 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007710; -webkit-box-shadow:4px 4px  
4px 4px #007710; box-shadow:4px 4px 4px  
4px #007710 }
```

# Background

The CSS property to change the background color of an element to Decimal 30480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007710 }
```

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

```
.background{ background-color:#007710 }
```

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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