

# Converting Colors

Decimal(1996800)

Have a look what the booklet for  
Decimal(1996800) contains.

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# Color

**Decimal(1996800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E7800
RGB	30, 120, 0
RGB Percent	12%, 47%, 0%
CMY	0.8824, 0.5294, 1.0000
CMYK	0.75, 0.00, 1.00, 0.53
HSL	105°, 100%, 24%
HSV	105°, 100%, 47%
XYZ	7.2519, 13.7090, 2.2639
YIQ	79.4100, -15.1200, -56.4000

# Conversions

## Conversions Part 2

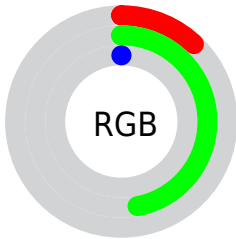
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 120, 90
Decimal	1996800
CIELab	43.81, -45.75, 48.13
CIELCh	44, 66.401, 133.545
Yxy	13.7090, 0.3122, 0.5903
Android (android.graphics.Color)	4280186880 (0xFF1E7800)
YUV	79.4100, -39.1491, -43.3326
Hunter-Lab	37.0256, -29.8336, 22.2927

# Details

The Decimal color **1996800** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5898360**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **6008126**, and **17920** is the 20% darker color. If you saturate the color by 10%, you get **1996800**, and if you desaturate by 10%, it is **2586636**.

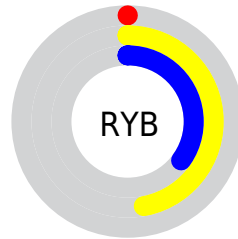
# Distribution



Red (12%)

Green (47%)

Blue (0%)



Red (0%)

Yellow (47%)

Blue (35%)

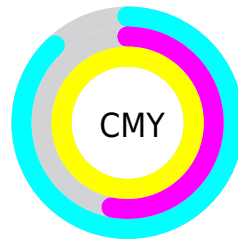


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (88%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1996800 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 1996800 by changing the saturation by 10% instead.



 1996800

 1996800

16777214

 24320

 6008126

 17920

 7850328

 12032

 9692530

 5632

 11534221

 0

 13434792

 15400900

 16777184

 1996800

 2586636

 3176472

 3766308

 4356144

 4945980

 5535816

 6125652

 6715488

 7305324

# Harmonies

## Analogous

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



6778112



1996800



32070

# Triad

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



1996800



30418



13049937

# Complementary

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



1996800



5898360

# 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.



12134792



1996800



26324

# Square

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



1996800



32435



8866744



12074268

# Rectangle

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



1996800



32621



8866744



12983396



# Sweetspot

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



1996800



7969901



7887360



3821363



13619151



5197647



# Same Dimension

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



1996800



2595840



30750



3751223



2063616



4193280



# Inverse Universe

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



5898360



7667868



7864410



3946301



6160509

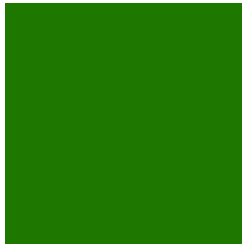


12386556



# Previews

## White Background



This preview shows how the Decimal color 1996800 looks on a white background.

## Color Contrast Check

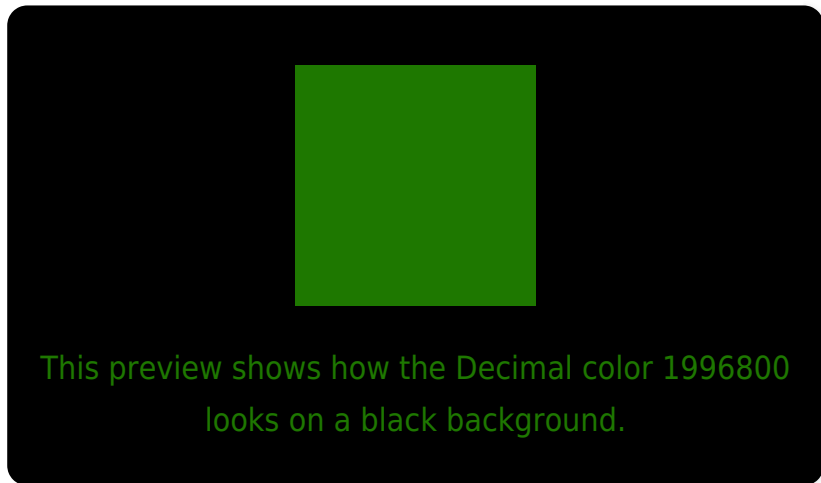
Large Text (above 18pt) WCAG AA ✓ Pass

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

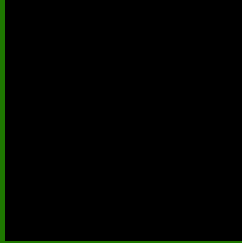
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1996800 Background



This preview shows how black text looks on a background with the Decimal color 1996800.



This preview shows how white text looks on a background with the Decimal color 1996800.

# 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**  
1996800

**Protanopia**  
7628544

**Deuteranopia**  
8544794



# Trichromacy



**Original Color**  
1996800

**Protanomaly**  
5598464

**Deuteranomaly**  
6187537

**Tritanomaly**  
3109709

# Monochromacy



**Original Color**  
1996800

**Achromatopsia**  
5197647

**Achromatomaly**  
4021810

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1996800 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 #1E7800 looks like.

```
.text, #text, p{  
    color:#1E7800  
}
```

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 #1E7800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7800
}
```

## Border

The CSS property to change the border of an element to Decimal 1996800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

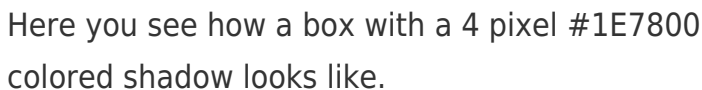
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E7800 }
```

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

```
.border{ border-color:#1E7800 }
```

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



Here you see how a box with a 4 pixel #1E7800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7800; -webkit-box-shadow:4px 4px  
4px 4px #1E7800; box-shadow:4px 4px 4px  
4px #1E7800 }
```

# Background

The CSS property to change the background color of an element to Decimal 1996800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7800 }
```

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

```
.background{ background-color:#1E7800 }
```

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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