

# Converting Colors

Decimal(2075984)

Have a look what the booklet for  
Decimal(2075984) contains.

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**Color**

**Decimal(2075984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FAD50
RGB	31, 173, 80
RGB Percent	12%, 68%, 31%
CMY	0.8784, 0.3216, 0.6863
CMYK	0.82, 0.00, 0.54, 0.32
HSL	141°, 70%, 40%
HSV	141°, 82%, 68%
XYZ	16.9566, 30.7576, 12.6325
YIQ	119.9400, -54.7790, -59.0270

# Conversions

## Conversions Part 2

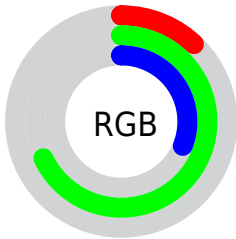
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 137, 173
Decimal	2075984
CIELab	62.30, -56.04, 37.46
CIELCh	62, 67.405, 146.239
Yxy	30.7576, 0.2810, 0.5097
Android (android.graphics.Color)	4280266064 (0xFF1FAD50)
YUV	119.9400, -19.6904, -78.0004
Hunter-Lab	55.4596, -42.4783, 25.3167

# Details

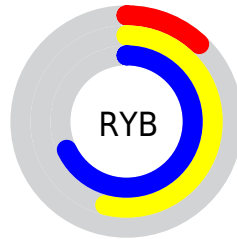
The Decimal color **2075984** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **11345788**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **6743683**, and **30494** is the 20% darker color. If you saturate the color by 10%, you get **961861**, and if you desaturate by 10%, it is **3190107**.

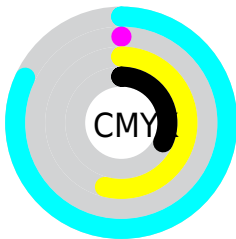
# Distribution



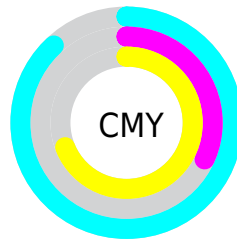
- Red (12%)
- Green (68%)
- Blue (31%)



- Red (12%)
- Yellow (54%)
- Blue (68%)



- Cyan (82%)
- Magenta (0%)
- Yellow (54%)
- Black (32%)



- Cyan (88%)
- Magenta (32%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2075984 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 2075984 by changing the saturation by 10% instead.



 2075984

 2075984

16777215

 37431

 6743683

 30494

 8716190

 23810

 10682297

 17408

 12582869

 11776

 14548978

 3840

 16580607

 0

 2075984

 2075984

 961861

 3190107

■ 44348

■ 4369767

■ 5483890

■ 6598013

■ 7777673

■ 8891796

■ 10005919

■ 11120043

■ 12299702

# Harmonies

## Analogous

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



8430360



2075984



45709

# Triad

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



2075984



41215



16736613

# Complementary

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



2075984



11345788

# 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.



16538529



2075984



8882943

# Square

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



2075984



44538



14118618



15104305

# Rectangle

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



2075984



45750



14118618



16735353



# Sweetspot

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



2075984



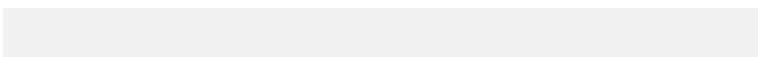
11067580



8301855



5206106



15790320



7368816



# Same Dimension

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



2075984



319568



2076053



5134161



38452



5896



# Inverse Universe

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



11345788



14681237



11345719



5721684



9830499



1507343



# Previews

## White Background



This preview shows how the Decimal color 2075984 looks on a white background.

## Color Contrast Check

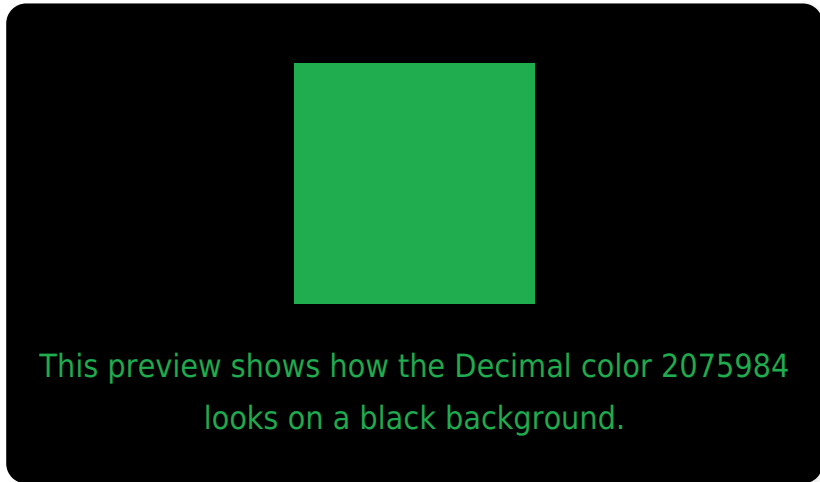
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

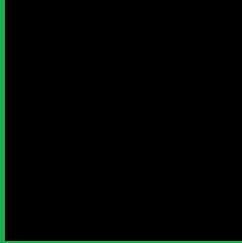
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 2075984 Background



This preview shows how black text looks on a background with the Decimal color 2075984.




This preview shows how white text looks on a background with the Decimal color 2075984.

# 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





**Tritanopia**  
4826032

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2075984 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 #1FAD50 looks like.

```
.text, #text, p{  
  color:#1FAD50  
}
```

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 #1FAD50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FAD50
}
```

## Border

The CSS property to change the border of an element to Decimal 2075984 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
#1FAD50 }
```

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

```
.border{ border-color:#1FAD50 }
```

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

Here you see how a box with a 4 pixel #1FAD50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FAD50; -webkit-box-shadow:4px 4px  
4px 4px #1FAD50; box-shadow:4px 4px 4px  
4px #1FAD50 }
```

# Background

The CSS property to change the background color of an element to Decimal 2075984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FAD50 }
```

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

```
.background{ background-color:#1FAD50 }
```

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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