

# Converting Colors

Decimal(2010752)

Have a look what the booklet for  
Decimal(2010752) contains.

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# **Color**

**Decimal(2010752)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1EAE80
RGB	30, 174, 128
RGB Percent	12%, 68%, 50%
CMY	0.8824, 0.3176, 0.4980
CMYK	0.83, 0.00, 0.26, 0.32
HSL	161°, 71%, 40%
HSV	161°, 83%, 68%
XYZ	19.5678, 32.1066, 25.5879
YIQ	125.7000, -71.0580, -44.8340

# Conversions

## Conversions Part 2

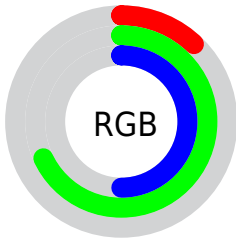
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">30, 116, 174</a>
Decimal	<a href="#">2010752</a>
CIELab	<a href="#">63.43, -47.14, 13.53</a>
CIELCh	<a href="#">63, 49.041, 163.986</a>
Yxy	<a href="#">32.1066, 0.2533, 0.4156</a>
Android (android.graphics.Color)	<a href="#">4280200832 (0xFF1EAE80)</a>
YUV	<a href="#">125.7000, 1.1339, -83.9289</a>
Hunter-Lab	<a href="#">56.6627, -37.5170, 12.8895</a>

# Details

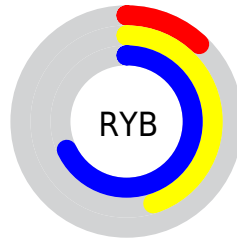
The Decimal color **2010752** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11411020**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **6743733**, and **30799** is the 20% darker color. If you saturate the color by 10%, you get **896634**, and if you desaturate by 10%, it is **3124870**.

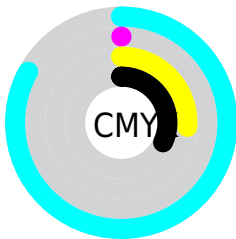
# Distribution



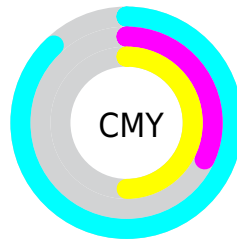
- Red (12%)
- Green (68%)
- Blue (50%)



- Red (12%)
- Yellow (45%)
- Blue (68%)



- Cyan (83%)
- Magenta (0%)
- Yellow (26%)
- Black (32%)



- Cyan (88%)
- Magenta (32%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2010752 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 2010752 by changing the saturation by 10% instead.



 2010752

 2010752

16777215

 37735

 6743733

 30799

 8716240

 24376

 10682349

 17954

 12582911

 12045

 14548991

 5120

 16515071

 0

 2010752

 2010752

 896634

 3124870

■ 44662

■ 4304523

■ 5418641

■ 6598294

■ 7712412

■ 8826529

■ 10006183

■ 11120300

■ 12299954

# Harmonies

## Analogous

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



7252056



2010752



45229

# Triad

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



2010752



7641070



14843743

# Complementary

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



2010752



11411020

# 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.



15496583



2010752



12027609

# Square

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



2010752



42477



14579635



13078340

# Rectangle

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



2010752



44745



14579635



15170155



# Sweetspot

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



2010752



11199441



5156382



5272424



15921906



7566195



# Same Dimension

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



2010752



189339



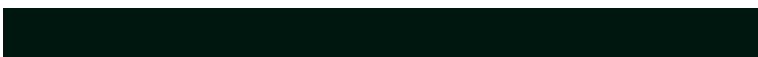
2004654



5134164



38502



5904



# Inverse Universe

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



11411020



14877258



11417118



5721681



9830448

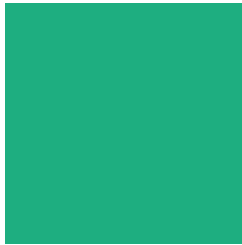


1507335



# Previews

## White Background



This preview shows how the Decimal color 2010752 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



This preview shows how the Decimal color 2010752 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

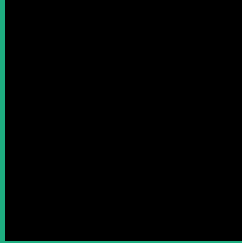
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 2010752 Background



This preview shows how black text looks on a background with the Decimal color 2010752.



This preview shows how white text looks on a background with the Decimal color 2010752.

# 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](#).

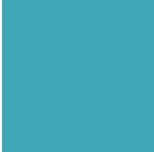
## Dichromacy



**Original Color**  
2010752

**Protanopia**  
10721398

**Deuteranopia**  
11441030



**Tritanopia**  
4171701

# Trichromacy



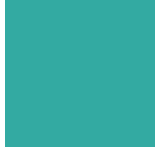
**Original Color**  
2010752



**Protanomaly**  
7577722



**Deuteranomaly**  
8035716



**Tritanomaly**  
3386018

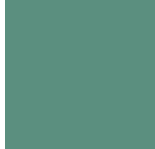
# Monochromacy



**Original Color**  
2010752



**Achromatopsia**  
8289918



**Achromatomaly**  
6000511

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2010752 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 #1EAE80 looks like.

```
.text, #text, p{  
  color:#1EAE80  
}
```

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 #1EAE80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EAE80
}
```

## Border

The CSS property to change the border of an element to Decimal 2010752 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
#1EAE80 }
```

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

```
.border{ border-color:#1EAE80 }
```

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

Here you see how a box with a 4 pixel #1EAE80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EAE80; -webkit-box-shadow:4px 4px  
4px 4px #1EAE80; box-shadow:4px 4px 4px  
4px #1EAE80 }
```

# Background

The CSS property to change the background color of an element to Decimal 2010752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EAE80 }
```

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

```
.background{ background-color:#1EAE80 }
```

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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