

# Converting Colors

Decimal(640376)

Have a look what the booklet for  
Decimal(640376) contains.

<b>Decimal(640376)</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(640376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09C578
RGB	9, 197, 120
RGB Percent	4%, 77%, 47%
CMY	0.9647, 0.2275, 0.5294
CMYK	0.95, 0.00, 0.39, 0.23
HSL	155°, 91%, 40%
HSV	155°, 95%, 77%
XYZ	23.4691, 41.3466, 24.5131
YIQ	132.0100, -87.3310, -63.8030

# Conversions

## Conversions Part 2

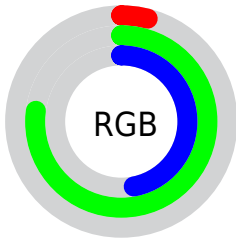
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 127, 197
Decimal	640376
CIELab	70.42, -58.81, 27.33
CIELCh	70, 64.850, 155.076
Yxy	41.3466, 0.2627, 0.4629
Android (android.graphics.Color)	4278830456 (0xFF09C578)
YUV	132.0100, -5.9209, -107.8798
Hunter-Lab	64.3014, -47.3774, 22.4083

# Details

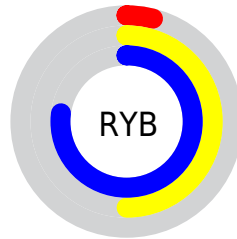
The Decimal color **640376** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **12912982**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **6684589**, and **36422** is the 20% darker color. If you saturate the color by 10%, you get **50548**, and if you desaturate by 10%, it is **1951104**.

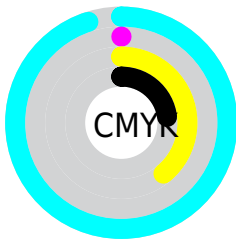
# Distribution



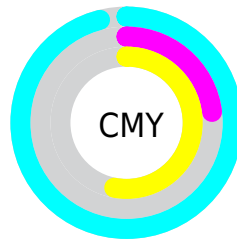
- Red (4%)
- Green (77%)
- Blue (47%)



- Red (4%)
- Yellow (50%)
- Blue (77%)



- Cyan (95%)
- Magenta (0%)
- Yellow (39%)
- Black (23%)



- Cyan (96%)
- Magenta (23%)
- Yellow (53%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 640376 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 640376 by changing the saturation by 10% instead.




 640376  640376

16777215  43359

 6684589  36422

 8781768  29487

 10813413  22808

 12779519  16384

 14811135  10496

 768

 0

 640376  640376

■ 50548

■ 1951104

■ 3196296

■ 4507024

■ 5817752

■ 7128480

■ 8373672

■ 9684400

■ 10995129

■ 12240321

# Harmonies

## Analogous

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



8764484



640376



51637

# Triad

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



640376



3584255



16744556

# Complementary

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



640376



12912982

# 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.



16741797



640376



12294399

# Square

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



640376



49151



16548063



15898430

# Rectangle

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



640376



51421



16548063



16743038

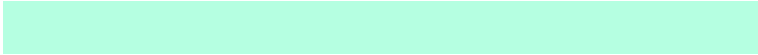


# Sweetspot

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



640376



11927521



5752073



5472365



0



8421504



# Same Dimension

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



640376



65431



636357



5923679



41824



9237



# Inverse Universe

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



12912982



16711784



12917001



6511198



10682435

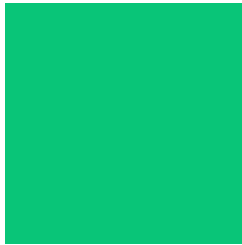


2359311



# Previews

## White Background



This preview shows how the Decimal color 640376 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 640376 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

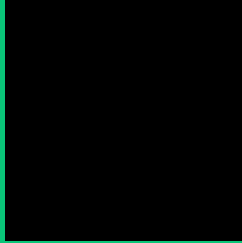
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 640376 Background



This preview shows how black text looks on a background with the Decimal color 640376.



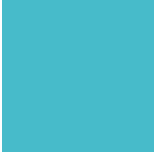
This preview shows how white text looks on a background with the Decimal color 640376.

# 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**  
4701130

# Trichromacy



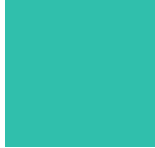
**Original Color**  
640376



**Protanomaly**  
8041585



**Deuteranomaly**  
8630397



**Tritanomaly**  
3194796

# Monochromacy



**Original Color**  
640376



**Achromatopsia**  
8684676



**Achromatomaly**  
5741696

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 640376 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 #09C578 looks like.

```
.text, #text, p{  
    color:#09C578  
}
```

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 #09C578 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09C578
}
```

## Border

The CSS property to change the border of an element to Decimal 640376 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
#09C578 }
```

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

```
.border{ border-color:#09C578 }
```

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

Here you see how a box with a 4 pixel #09C578 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09C578; -webkit-box-shadow:4px 4px  
4px 4px #09C578; box-shadow:4px 4px 4px  
4px #09C578 }
```

# Background

The CSS property to change the background color of an element to Decimal 640376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09C578 }
```

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

```
.background{ background-color:#09C578 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor