

# Converting Colors

Decimal(684876)

Have a look what the booklet for  
Decimal(684876) contains.

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# Color

**Decimal(684876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A734C
RGB	10, 115, 76
RGB Percent	4%, 45%, 30%
CMY	0.9608, 0.5490, 0.7020
CMYK	0.91, 0.00, 0.34, 0.55
HSL	158°, 84%, 25%
HSV	158°, 91%, 45%
XYZ	7.5604, 12.8478, 8.9189
YIQ	79.1590, -50.0610, -34.3890

# Conversions

## Conversions Part 2

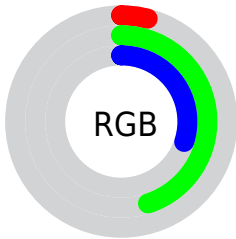
Format	Color
<b>RYB</b>	10, 74, 115
Decimal	684876
CIELab	42.53, -37.26, 14.06
CIElCh	43, 39.829, 159.328
Yxy	12.8478, 0.2578, 0.4381
Android (android.graphics.Color)	4278874956 (0xFF0A734C)
YUV	79.1590, -1.5574, -60.6524
Hunter-Lab	35.8438, -25.0763, 10.3378

# Details

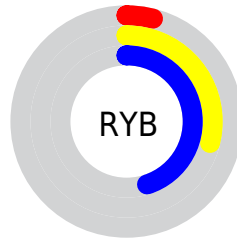
The Decimal color **684876** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7539249**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **5154941**, and **16928** is the 20% darker color. If you saturate the color by 10%, you get **29512**, and if you desaturate by 10%, it is **1471312**.

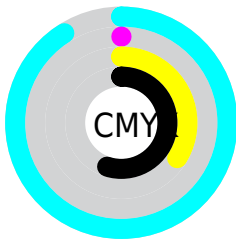
# Distribution



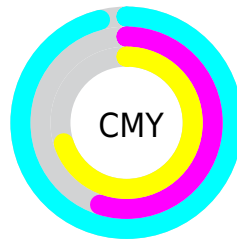
- Red (4%)
- Green (45%)
- Blue (30%)



- Red (4%)
- Yellow (29%)
- Blue (45%)



- Cyan (91%)
- Magenta (0%)
- Yellow (34%)
- Black (55%)



- Cyan (96%)
- Magenta (55%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 684876 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 684876 by changing the saturation by 10% instead.



■ 684876                      ■ 684876

16777215                      ■ 23093

■ 5154941                      ■ 16928

■ 6931351                      ■ 11017

■ 8773810                      ■ 4096

■ 10616013                      ■ 0

■ 12451818

■ 14352383

■ 16318463

■ 684876                      ■ 684876

■ 29512

■ 1471312

■ 2192213

■ 2978649

■ 3699549

■ 4485985

■ 5206886

■ 5993322

■ 6714222

■ 7500658

# Harmonies

## Analogous

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



4877871



684876



30062

# Triad

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



684876



3827109



10243644

# Complementary

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



684876



7539249

# 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.



10569563



684876



7624599

# Square

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



684876



28322



9718652



9001509

# Rectangle

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



684876



29828



9718652



10439494



# Sweetspot

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



684876



7247495



3306250



3427651



13421772



5066061



# Same Dimension

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



684876



38495



681843



3488568



31309



64157



# Inverse Universe

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



7539249



9830456



7542282



3880247



7995437

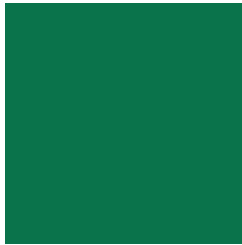


16384093



# Previews

## White Background



This preview shows how the Decimal color 684876 looks on a white background.

### Color Contrast Check

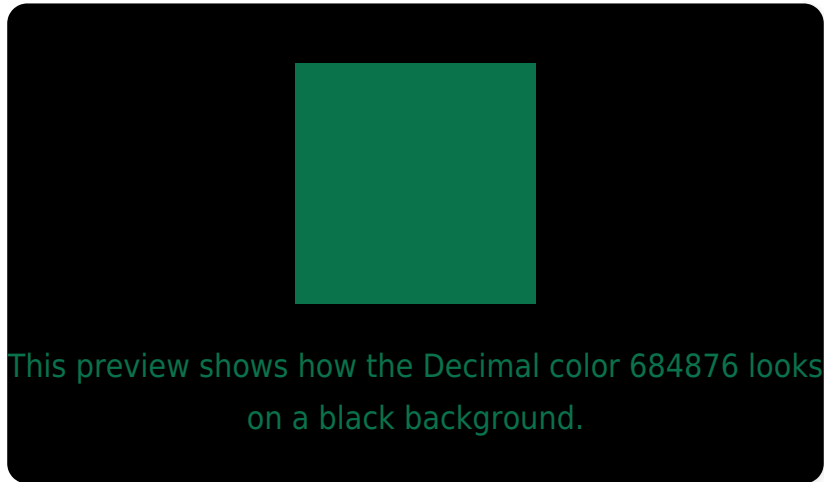
Large Text (above 18pt) WCAG AA ✓ Pass

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

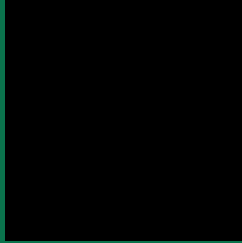
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 684876 Background



This preview shows how black text looks on a background with the Decimal color 684876.



This preview shows how white text looks on a background with the Decimal color 684876.

# 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**  
684876

**Protanopia**  
7103558

**Deuteranopia**  
7626832



# Trichromacy



**Original Color**  
684876



**Protanomaly**  
4745544



**Deuteranomaly**  
5072719



**Tritanomaly**  
1994855

# Monochromacy



**Original Color**  
684876



**Achromatopsia**  
5197647



**Achromatomaly**  
3562574

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 684876 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 #0A734C looks like.

```
.text, #text, p{  
    color:#0A734C  
}
```

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 #0A734C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A734C
}
```

## Border

The CSS property to change the border of an element to Decimal 684876 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
#0A734C }
```

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

```
.border{ border-color:#0A734C }
```

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

Here you see how a box with a 4 pixel #0A734C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A734C; -webkit-box-shadow:4px 4px  
4px 4px #0A734C; box-shadow:4px 4px 4px  
4px #0A734C }
```

# Background

The CSS property to change the background color of an element to Decimal 684876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A734C }
```

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

```
.background{ background-color:#0A734C }
```

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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