

Converting Colors

Decimal(814917)

Have a look what the booklet for
Decimal(814917) contains.

Decimal(814917)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(814917)

Conversions

Conversions Part 1

Format	Color
Hex	0C6F45
RGB	12, 111, 69
RGB Percent	5%, 44%, 27%
CMY	0.9529, 0.5647, 0.7294
CMYK	0.89, 0.00, 0.38, 0.56
HSL	155°, 80%, 24%
HSV	155°, 89%, 44%
XYZ	6.9102, 11.8767, 7.5585
YIQ	76.6110, -45.5220, -34.0500

Conversions

Conversions Part 2

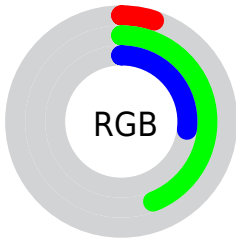
Format	Color
RYB	12, 75, 111
Decimal	814917
CIELab	41.02, -37.09, 16.11
CIELCh	41, 40.439, 156.519
Yxy	11.8767, 0.2623, 0.4508
Android (android.graphics.Color)	4279004997 (0xFF0C6F45)
YUV	76.6110, -3.7522, -56.6638
Hunter-Lab	34.4626, -24.5178, 11.1201

Details

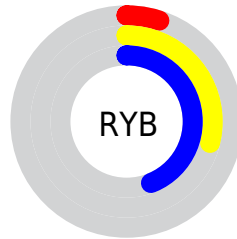
The Decimal color **814917** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7277622**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **5088374**, and **15897** is the 20% darker color. If you saturate the color by 10%, you get **94016**, and if you desaturate by 10%, it is **1535818**.

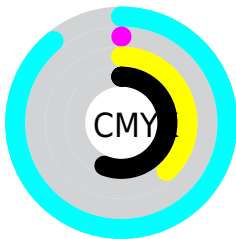
Distribution



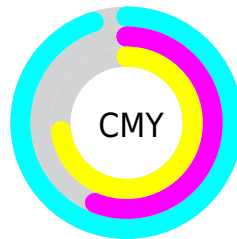
- Red (5%)
- Green (44%)
- Blue (27%)



- Red (5%)
- Yellow (29%)
- Blue (44%)



- Cyan (89%)
- Magenta (0%)
- Yellow (38%)
- Black (56%)



- Cyan (95%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 814917 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 814917 by changing the saturation by 10% instead.



814917



814917

16777215



22062



5088374



15897



6864783



10240



8706986



1792



10549445



0



12386273



14286846



16187391



814917



814917

■ 94016

■ 1535818

■ 28480

■ 2256718

■ 2977619

■ 3698520

■ 4484957

■ 5205857

■ 5926758

■ 6647659

■ 7368559

Harmonies

Analogous

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



4811304



814917



29031

Triad

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



814917



2843299



10045755

Complementary

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



814917



7277622

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.



10306139



814917



7099798

Square

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



814917



27549



9390204



8934690

Rectangle

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



814917



29053



9390204



10241605

Sweetspot

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



814917



6984065



3632908



3295808



13224393



4868682

Same Dimension

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



814917



37204



813167



3291190



30789



63374

Inverse Universe

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



7277622



9502782



7279372



3682869



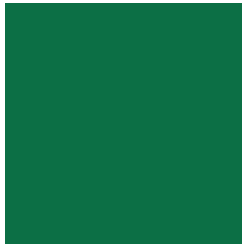
7864371



16187497

Previews

White Background



This preview shows how the Decimal color 814917 looks on a white background.

Color Contrast Check

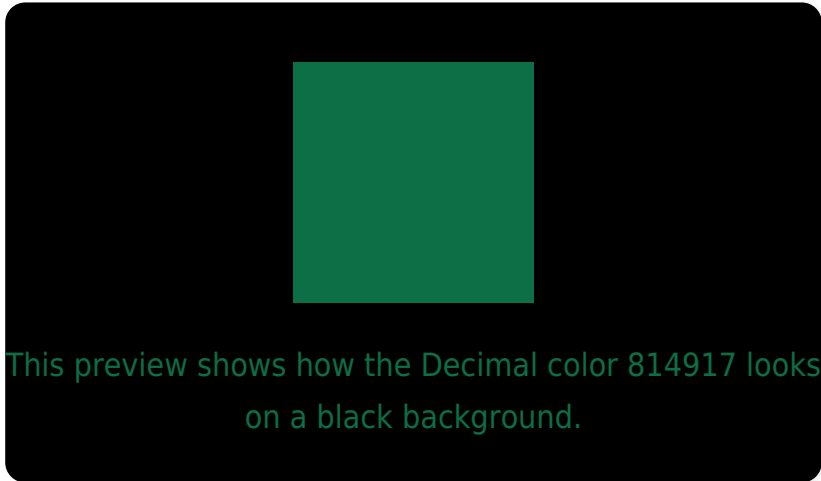
Large Text (above 18pt) WCAG AA ✓ Pass

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 814917 Background



This preview shows how black text looks on a background with the Decimal color 814917.



This preview shows how white text looks on a background with the Decimal color 814917.

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
814917

Protanopia
6905919

Deuteranopia
7429193



Tritanopia
2714226

Trichromacy



Original Color
814917



Protanomaly
4678977



Deuteranomaly
5006152



Tritanomaly
1993826

Monochromacy



Original Color
814917



Achromatopsia
5066061



Achromatomaly
3496266

CSS Examples

Text

The CSS property to change the color of the text to Decimal 814917 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 #0C6F45 looks like.

```
.text, #text, p{  
    color:#0C6F45  
}
```

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 #0C6F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6F45
}
```

Border

The CSS property to change the border of an element to Decimal 814917 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
#0C6F45 }
```

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

```
.border{ border-color:#0C6F45 }
```

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

Here you see how a box with a 4 pixel #0C6F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6F45; -webkit-box-shadow:4px 4px  
4px 4px #0C6F45; box-shadow:4px 4px 4px  
4px #0C6F45 }
```

Background

The CSS property to change the background color of an element to Decimal 814917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6F45 }
```

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

```
.background{ background-color:#0C6F45 }
```

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