

Converting Colors

Decimal(947046)

Have a look what the booklet for
Decimal(947046) contains.

Decimal(947046)	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(947046)

Conversions

Conversions Part 1

Format	Color
Hex	0E7366
RGB	14, 115, 102
RGB Percent	5%, 45%, 40%
CMY	0.9451, 0.5490, 0.6000
CMYK	0.88, 0.00, 0.11, 0.55
HSL	172°, 78%, 25%
HSV	172°, 88%, 45%
XYZ	8.7101, 13.3141, 14.6812
YIQ	83.3190, -56.0230, -25.4550

Conversions

Conversions Part 2

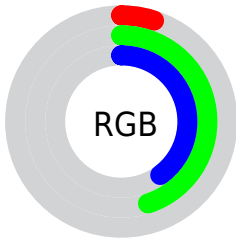
Format	Color
R_{YB}	14, 68, 115
Decimal	947046
CIE _{Lab}	43.23, -29.89, -0.43
CIE _{LCh}	43, 29.894, 180.826
Yxy	13.3141, 0.2373, 0.3627
Android (android.graphics.Color)	4279137126 (0xFF0E7366)
YUV	83.3190, 9.2097, -60.7928
Hunter-Lab	36.4885, -21.2456, 1.6866

Details

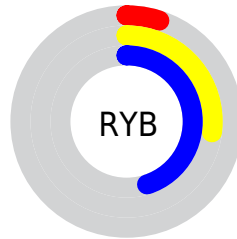
The Decimal color **947046** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7540251**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **5286041**, and **16951** is the 20% darker color. If you saturate the color by 10%, you get **160613**, and if you desaturate by 10%, it is **1667943**.

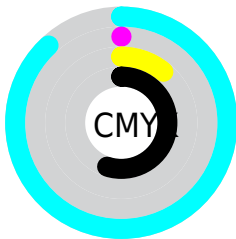
Distribution



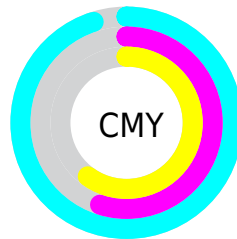
- Red (5%)
- Green (45%)
- Blue (40%)



- Red (5%)
- Yellow (27%)
- Blue (45%)



- Cyan (88%)
- Magenta (0%)
- Yellow (11%)
- Black (55%)

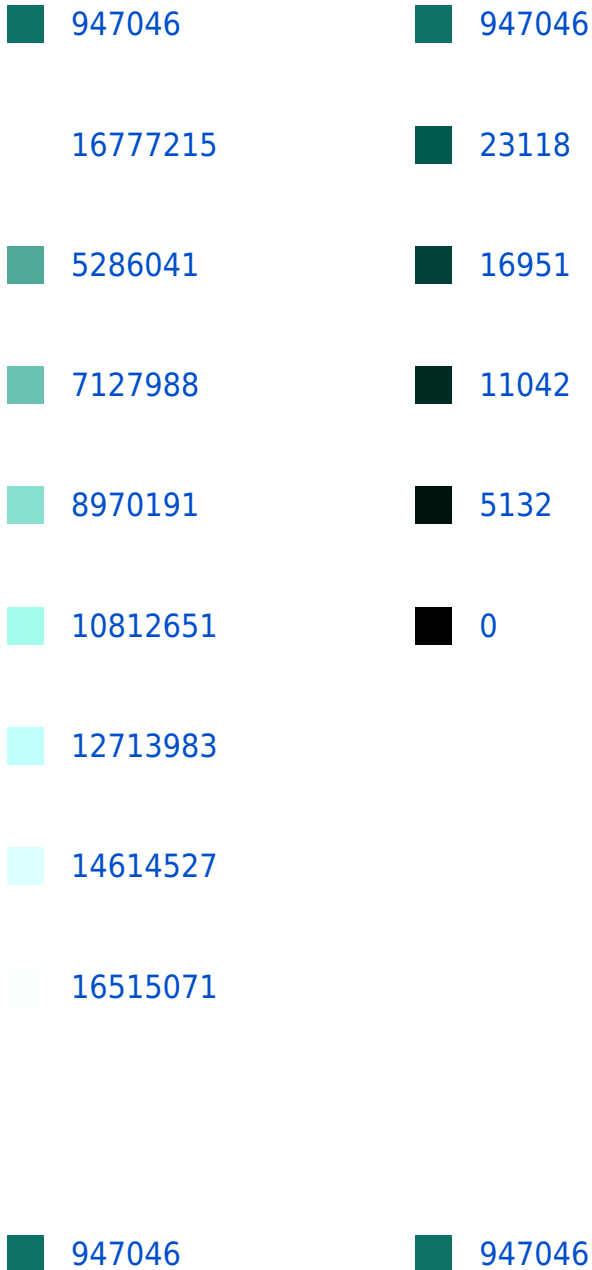


- Cyan (95%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 947046 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 947046 by changing the saturation by 10% instead.



■ 160613

■ 1667943

■ 29540

■ 2454377

■ 3175274

■ 3961708

■ 4748141

■ 5469039

■ 6189936

■ 6976370

■ 7762803

Harmonies

Analogous

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



4026701



947046



29311

Triad

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



947046



6905745



9002043

Complementary

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



947046



7540251

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.



9721166



947046



8804223

Square

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



947046



4221079



9720422



7693620

Rectangle

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



947046



28812



9720422



9328961

Sweetspot

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



947046



7313041



1798926



3493193



13421772



5066061

Same Dimension

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



947046



38531



937587



3488570



31339



64218

Inverse Universe

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



7540251



9830419



7549710



3880246



7995408



16384032

Previews

White Background



This preview shows how the Decimal color 947046 looks on a white background.

Color Contrast Check

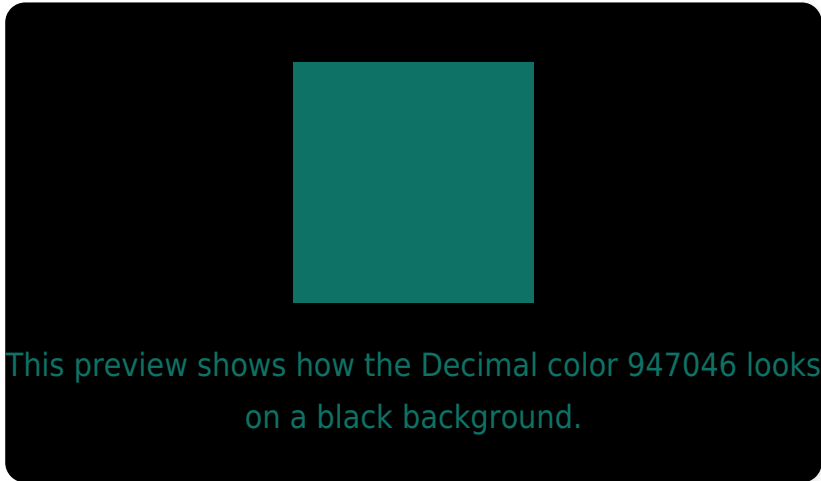
Large Text (above 18pt) WCAG AA ✓ Pass

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

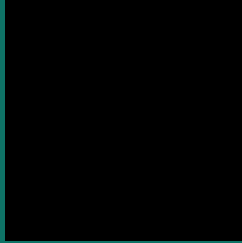
Any Text WCAG AA × Fail

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 947046 Background



This preview shows how black text looks on a background with the Decimal color 947046.

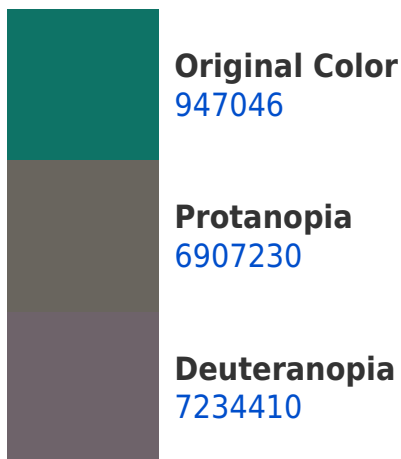


This preview shows how white text looks on a background with the Decimal color 947046.

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



Trichromacy



Original Color
947046

Protanomaly
4745825

Deuteranomaly
4942185

Tritanomaly
1667442

Monochromacy



Original Color
947046

Achromatopsia
5460819

Achromatomaly
3825498

CSS Examples

Text

The CSS property to change the color of the text to Decimal 947046 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 #0E7366 looks like.

```
.text, #text, p{  
    color:#0E7366  
}
```

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 #0E7366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E7366
}
```

Border

The CSS property to change the border of an element to Decimal 947046 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
#0E7366 }
```

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

```
.border{ border-color:#0E7366 }
```

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

Here you see how a box with a 4 pixel #0E7366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E7366; -webkit-box-shadow:4px 4px  
4px 4px #0E7366; box-shadow:4px 4px 4px  
4px #0E7366 }
```

Background

The CSS property to change the background color of an element to Decimal 947046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E7366 }
```

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

```
.background{ background-color:#0E7366 }
```

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