

Converting Colors

Decimal(617314)

Have a look what the booklet for
Decimal(617314) contains.

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Color

Decimal(617314)

Conversions

Conversions Part 1

Format	Color
Hex	096B62
RGB	9, 107, 98
RGB Percent	4%, 42%, 38%
CMY	0.9647, 0.5804, 0.6157
CMYK	0.92, 0.00, 0.08, 0.58
HSL	174°, 84%, 23%
HSV	174°, 92%, 42%
XYZ	7.5750, 11.4553, 13.3671
YIQ	76.6720, -55.5190, -23.5750

Conversions

Conversions Part 2

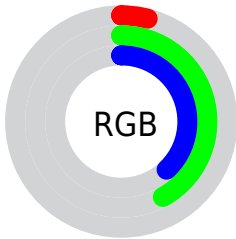
Format	Color
RYB	9, 60, 107
Decimal	617314
CIELab	40.34, -27.66, -2.27
CIELCh	40, 27.754, 184.687
Yxy	11.4553, 0.2338, 0.3536
Android (android.graphics.Color)	4278807394 (0xFF096B62)
YUV	76.6720, 10.5147, -59.3483
Hunter-Lab	33.8457, -19.2801, 0.2758

Details

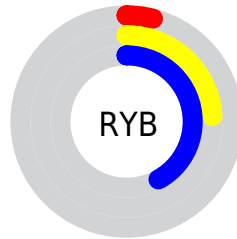
The Decimal color **617314** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7014674**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **5087125**, and **15156** is the 20% darker color. If you saturate the color by 10%, you get **27489**, and if you desaturate by 10%, it is **1338211**.

Distribution



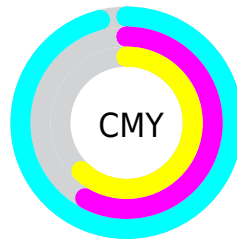
- Red (4%)
- Green (42%)
- Blue (38%)



- Red (4%)
- Yellow (24%)
- Blue (42%)



- Cyan (92%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (96%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 617314 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 617314 by changing the saturation by 10% instead.

617314 617314

16777215 21066

5087125 15156

6863535 9503

8705739 775

10548199 0

12386303

14286847

16187391

617314 617314

■ 27489

■ 1338211

■ 1993572

■ 2714469

■ 3435366

■ 4156263

■ 4811624

■ 5532521

■ 6253418

■ 6908779

Harmonies

Analogous

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



3500363



617314



27256

Triad

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



617314



6707332



8214326

Complementary

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



617314



7014674

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.



8998982



617314



8278131

Square

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



617314



4350092



9063772



6971185

Rectangle

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



617314



26755



9063772



8541243

Sweetspot

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



617314



6720649



1272585



3229509



13092807



4671303

Same Dimension

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



617314



35967



607339



3159605



30059



62942

Inverse Universe

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



7014674



9175053



7024649



3551281



7667723



16056342

Previews

White Background



This preview shows how the Decimal color 617314 looks on a white background.

Color Contrast Check

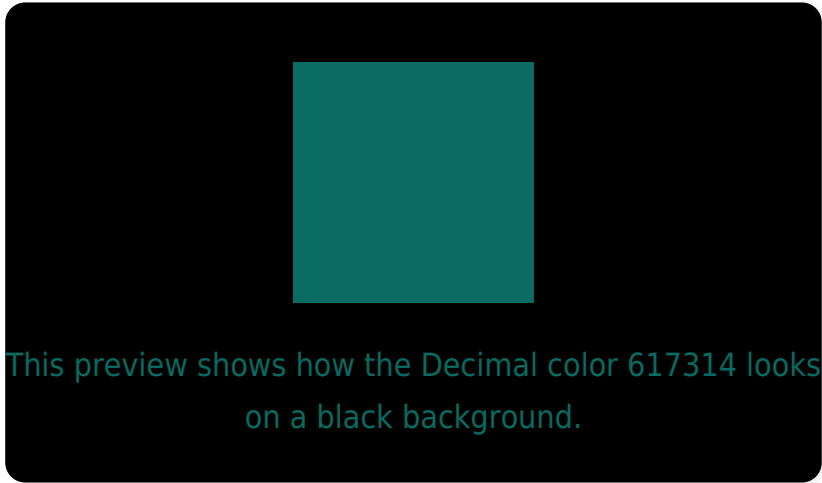
Large Text (above 18pt) WCAG AA ✓ Pass

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

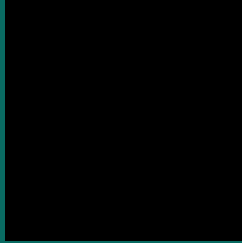
Any Text WCAG AA × Fail

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 617314 Background



This preview shows how black text looks on a background with the Decimal color 617314.



This preview shows how white text looks on a background with the Decimal color 617314.

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
617314

Protanopia
6381147

Deuteranopia
6642789



Tritanopia
1796465

Trichromacy



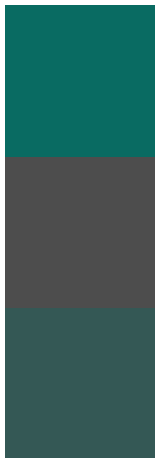
Original Color
617314

Protanomaly
4285278

Deuteranomaly
4481380

Tritanomaly
1337964

Monochromacy



Original Color
617314

Achromatopsia
5066061

Achromatomaly
3430485

CSS Examples

Text

The CSS property to change the color of the text to Decimal 617314 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 #096B62 looks like.

```
.text, #text, p{  
    color:#096B62  
}
```

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 #096B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #096B62
}
```

Border

The CSS property to change the border of an element to Decimal 617314 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
#096B62 }
```

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

```
.border{ border-color:#096B62 }
```

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

Here you see how a box with a 4 pixel #096B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #096B62; -webkit-box-shadow:4px 4px  
4px 4px #096B62; box-shadow:4px 4px 4px  
4px #096B62 }
```

Background

The CSS property to change the background color of an element to Decimal 617314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#096B62 }
```

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

```
.background{ background-color:#096B62 }
```

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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