

Converting Colors

Decimal(4030327)

Have a look what the booklet for
Decimal(4030327) contains.

Decimal(4030327)	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(4030327)

Conversions

Conversions Part 1

Format	Color
Hex	3D7F77
RGB	61, 127, 119
RGB Percent	24%, 50%, 47%
CMY	0.7608, 0.5020, 0.5333
CMYK	0.52, 0.00, 0.06, 0.50
HSL	173°, 35%, 37%
HSV	173°, 52%, 50%
XYZ	12.8436, 17.5028, 20.1542
YIQ	106.3540, -36.7680, -16.4800

Conversions

Conversions Part 2

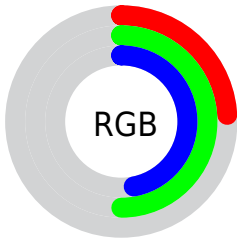
Format	Color
RYB	61, 96, 127
Decimal	4030327
CIELab	48.89, -23.11, -2.11
CIELCh	49, 23.205, 185.207
Yxy	17.5028, 0.2543, 0.3466
Android (android.graphics.Color)	4282220407 (0xFF3D7F77)
YUV	106.3540, 6.2345, -39.7755
Hunter-Lab	41.8363, -18.4146, 0.7231

Details

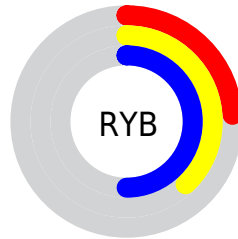
The Decimal color **4030327** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8338757**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **7517355**, and **19783** is the 20% darker color. If you saturate the color by 10%, you get **3178357**, and if you desaturate by 10%, it is **4882297**.

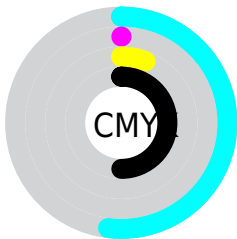
Distribution



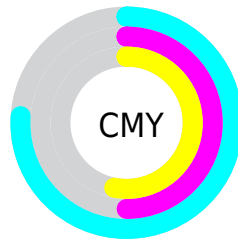
- Red (24%)
- Green (50%)
- Blue (47%)



- Red (24%)
- Yellow (38%)
- Blue (50%)



- Cyan (52%)
- Magenta (0%)
- Yellow (6%)
- Black (50%)



- Cyan (76%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4030327 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 4030327 by changing the saturation by 10% instead.



4030327



4030327

16777215



2188894



7517355



19783



9294022



13872



11070690



8476



12910591



0



14811135

16711679



4030327



4030327



3178357



4882297

■ 2391924

■ 5668730

■ 1539954

■ 6520700

■ 687985

■ 7372669

■ 32624

■ 8224639

■ 9011072

■ 9863042

■ 10715011

■ 11501445

Harmonies

Analogous

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



5406307



4030327



3440266

Triad

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



4030327



8089236



9465169

Complementary

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



4030327



8338757

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.



10119262



4030327



9463941

Square

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



4030327



6256027



10118513



8352845

Rectangle

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



4030327



3964052



10118513



9726805

Sweetspot

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



4030327



9152163



4620093



4478034



13948116



5526612

Same Dimension

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



4030327



4171417



4024191



3751999



32880



0

Inverse Universe

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



8338757



10895179



8344893



4208954



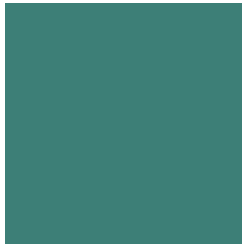
8388623



0

Previews

White Background



This preview shows how the Decimal color 4030327 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



This preview shows how the Decimal color 4030327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

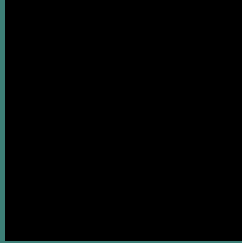
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 4030327 Background



This preview shows how black text looks on a background with the Decimal color 4030327.

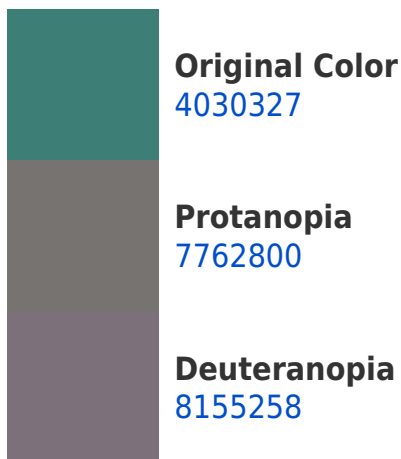


This preview shows how white text looks on a background with the Decimal color 4030327.

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](#).

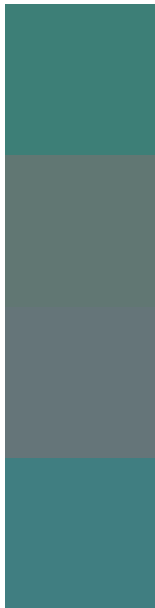
Dichromacy





Tritanopia
4357511

Trichromacy



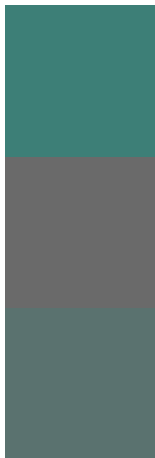
Original Color
4030327

Protanomaly
6387571

Deuteranomaly
6649209

Tritanomaly
4226689

Monochromacy



Original Color
4030327

Achromatopsia
6974058

Achromatomaly
5927535

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4030327 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 #3D7F77 looks like.

```
.text, #text, p{  
    color:#3D7F77  
}
```

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 #3D7F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7F77  
}
```

Border

The CSS property to change the border of an element to Decimal 4030327 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  
#3D7F77 }
```

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

```
.border{ border-color:#3D7F77 }
```

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

Here you see how a box with a 4 pixel #3D7F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7F77; -webkit-box-shadow:4px 4px  
4px 4px #3D7F77; box-shadow:4px 4px 4px  
4px #3D7F77 }
```

Background

The CSS property to change the background color of an element to Decimal 4030327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7F77 }
```

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

```
.background{ background-color:#3D7F77 }
```

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