

Converting Colors

Decimal(4627060)

Have a look what the booklet for
Decimal(4627060) contains.

Decimal(4627060)	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(4627060)

Conversions

Conversions Part 1

Format	Color
Hex	469A74
RGB	70, 154, 116
RGB Percent	27%, 60%, 45%
CMY	0.7255, 0.3961, 0.5451
CMYK	0.55, 0.00, 0.25, 0.40
HSL	153°, 37%, 44%
HSV	153°, 55%, 60%
XYZ	17.2338, 25.6742, 20.5703
YIQ	124.5520, -37.8660, -29.6260

Conversions

Conversions Part 2

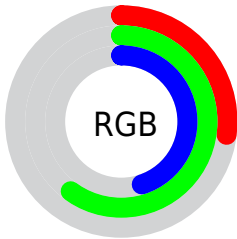
Format	Color
RYB	70, 124, 154
Decimal	4627060
CIELab	57.73, -34.79, 12.35
CIELCh	58, 36.917, 160.448
Yxy	25.6742, 0.2715, 0.4045
Android (android.graphics.Color)	4282817140 (0xFF469A74)
YUV	124.5520, -4.2161, -47.8421
Hunter-Lab	50.6698, -27.9608, 11.3990

Details

The Decimal color **4627060** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10110572**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **8245672**, and **26180** is the 20% darker color. If you saturate the color by 10%, you get **3644013**, and if you desaturate by 10%, it is **5610107**.

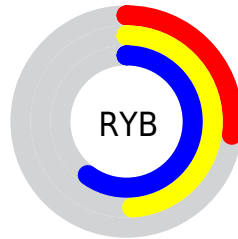
Distribution



Red (27%)

Green (60%)

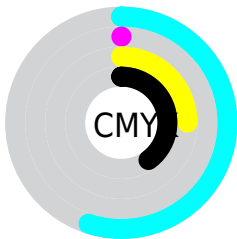
Blue (45%)



Red (27%)

Yellow (49%)

Blue (60%)

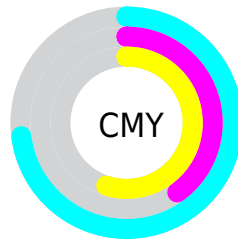


Cyan (55%)

Magenta (0%)

Yellow (25%)

Black (40%)



Cyan (73%)

Magenta (40%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4627060 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 4627060 by changing the saturation by 10% instead.



4627060



4627060

16777215



2719835



8245672



26180



10022339



19757



11861983



13848



13762556



8704



15663103



0



4627060



4627060



3644013



5610107



2595430



6658690

■ 1612383

■ 7641737

■ 563800

■ 8690320

■ 39508

■ 9673367

■ 10656414

■ 11704997

■ 12688044

■ 13736627

Harmonies

Analogous

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



7443800



4627060



40085

Triad

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



4627060



7113418



12875618

Complementary

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



4627060



10110572

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.



13136256



4627060



10321596

Square

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



4627060



2528455



12350625



11632974

Rectangle

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



4627060



39850



12350625



13071468

Sweetspot

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



4627060



11127227



7182918



5465693



15132390



6710886

Same Dimension

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



4627060



4704654



4626330



4541769



35917



3335

Inverse Universe

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



10110572



13191042



10111302



5064008



9175103



851974

Previews

White Background



This preview shows how the Decimal color 4627060 looks on a white background.

Color Contrast Check

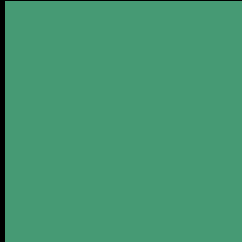
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 4627060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

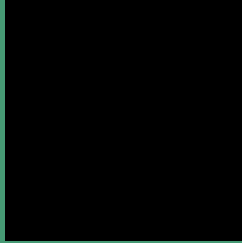
Any Text WCAG AA ✓ Pass

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 4627060 Background



This preview shows how black text looks on a background with the Decimal color 4627060.



This preview shows how white text looks on a background with the Decimal color 4627060.

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](#).

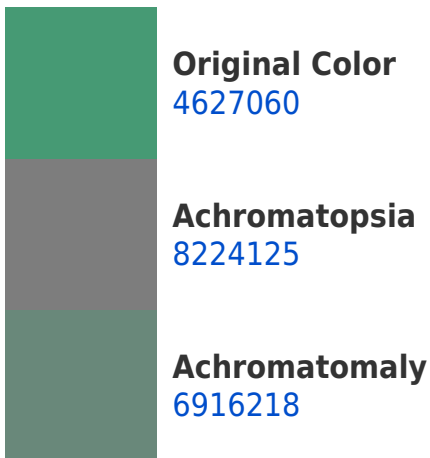
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4627060 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 #469A74 looks like.

```
.text, #text, p{  
    color:#469A74  
}
```

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 #469A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #469A74  
}
```

Border

The CSS property to change the border of an element to Decimal 4627060 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  
#469A74 }
```

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

```
.border{ border-color:#469A74 }
```

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

Here you see how a box with a 4 pixel #469A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #469A74; -webkit-box-shadow:4px 4px  
4px 4px #469A74; box-shadow:4px 4px 4px  
4px #469A74 }
```

Background

The CSS property to change the background color of an element to Decimal 4627060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#469A74 }
```

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

```
.background{ background-color:#469A74 }
```

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