

Converting Colors

Decimal(3040349)

Have a look what the booklet for
Decimal(3040349) contains.

Decimal(3040349)	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(3040349)

Conversions

Conversions Part 1

Format	Color
Hex	2E645D
RGB	46, 100, 93
RGB Percent	18%, 39%, 36%
CMY	0.8196, 0.6078, 0.6353
CMYK	0.54, 0.00, 0.07, 0.61
HSL	172°, 37%, 29%
HSV	172°, 54%, 39%
XYZ	7.6597, 10.4855, 11.9761
YIQ	83.0560, -29.9370, -13.6250

Conversions

Conversions Part 2

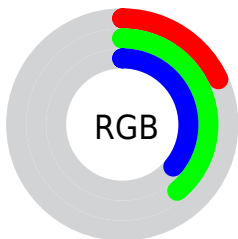
Format	Color
RYB	46, 75, 100
Decimal	3040349
CIELab	38.70, -19.81, -1.52
CIElCh	39, 19.864, 184.375
Yxy	10.4855, 0.2543, 0.3481
Android (android.graphics.Color)	4281230429 (0xFF2E645D)
YUV	83.0560, 4.9024, -32.4981
Hunter-Lab	32.3813, -14.4439, 0.7387




Details

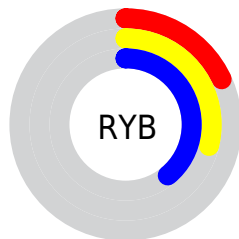
The Decimal color **3040349** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6565429**, and the grayscale version is **5460819**.




A 20% lighter version of the original color is **6395791**, and **13615** is the 20% darker color. If you saturate the color by 10%, you get **2384988**, and if you desaturate by 10%, it is **3695710**.

Distribution







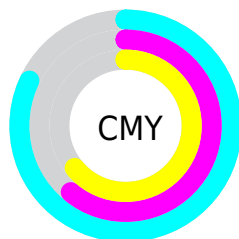
-  Red (18%)
-  Green (39%)
-  Blue (36%)






-  Red (18%)
-  Yellow (29%)
-  Blue (39%)



-  Cyan (54%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (61%)



-  Cyan (82%)
-  Magenta (61%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3040349 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 3040349 by changing the saturation by 10% instead.

■ 3040349

■ 3040349

16777215

■ 1264709

■ 6395791

■ 13615

■ 8106666

■ 8218

■ 9883333

■ 0

■ 11660001

■ 13500413

■ 15400959

■ 3040349

■ 3040349

■ 2384988

■ 3695710

■ 1729626

■ 4351072

■ 1074265

■ 5006433

■ 418904

■ 5661794

■ 25687

■ 6317155

■ 6972517

■ 7627878

■ 8283239

■ 8938601

Harmonies

Analogous

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



4219725



3040349



2515821

Triad

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



3040349



6313590



7492927

Complementary

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



3040349



6565429

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.



8016202



3040349



7491945

Square

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



3040349



4807803



8015705



6576955

Rectangle

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



3040349



2908789



8015705



7689282

Sweetspot

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



3040349



7176831



3499054



3555905



12763842



4342338

Same Dimension

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



3040349



3048055



3035236



3027762



29540



62163

Inverse Universe

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



6565429



8531512



6570542



3354159



7536655



15859743

Previews

White Background



This preview shows how the Decimal color 3040349 looks on a white background.

Color Contrast Check

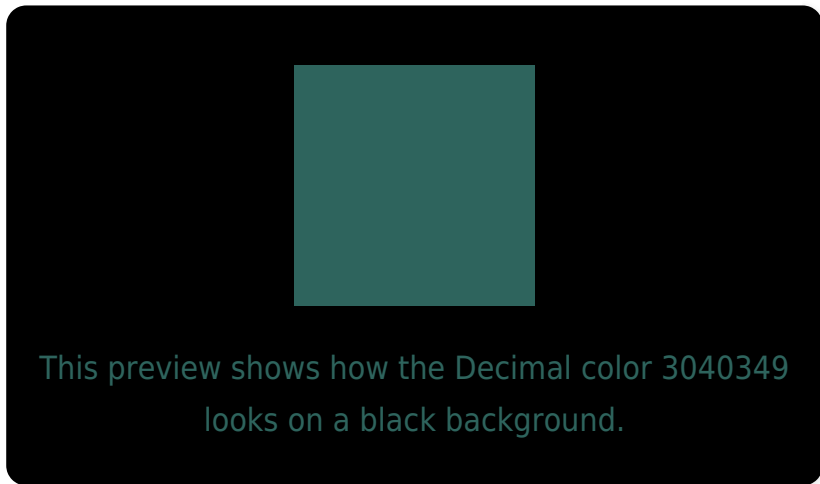
Large Text (above 18pt) WCAG AA ✓ Pass

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

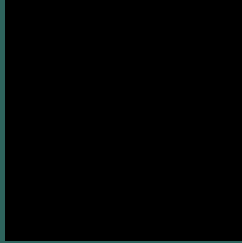
Any Text WCAG AA × Fail

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 3040349 Background



This preview shows how black text looks on a background with the Decimal color 3040349.



This preview shows how white text looks on a background with the Decimal color 3040349.

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

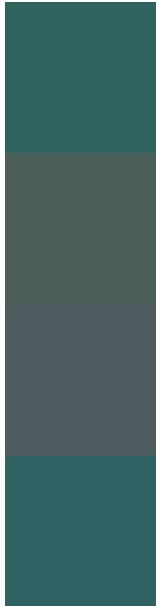


Original Color
3040349

Protanopia
6117975

Deuteranopia
6379616

Trichromacy



Original Color
3040349

Protanomaly
5004889

Deuteranomaly
5135455

Tritanomaly
3236709

Monochromacy



Original Color
3040349

Achromatopsia
5460819

Achromatomaly
4610391

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3040349 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 #2E645D looks like.

```
.text, #text, p{  
  color:#2E645D  
}
```

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 #2E645D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E645D
}
```

Border

The CSS property to change the border of an element to Decimal 3040349 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
#2E645D }
```

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

```
.border{ border-color:#2E645D }
```

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

Here you see how a box with a 4 pixel #2E645D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E645D; -webkit-box-shadow:4px 4px  
4px 4px #2E645D; box-shadow:4px 4px 4px  
4px #2E645D }
```

Background

The CSS property to change the background color of an element to Decimal 3040349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E645D }
```

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

```
.background{ background-color:#2E645D }
```

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