

Converting Colors

Decimal(2639376)

Have a look what the booklet for
Decimal(2639376) contains.

Decimal(2639376)	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(2639376)

Conversions

Conversions Part 1

Format	Color
Hex	284610
RGB	40, 70, 16
RGB Percent	16%, 27%, 6%
CMY	0.8431, 0.7255, 0.9373
CMYK	0.43, 0.00, 0.77, 0.73
HSL	93°, 63%, 17%
HSV	93°, 77%, 27%
XYZ	3.1588, 4.8688, 1.2635
YIQ	54.8740, -0.5460, -23.1540

Conversions

Conversions Part 2

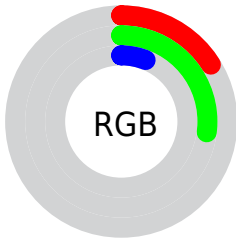
Format	Color
RYB	16, 70, 46
Decimal	2639376
CIELab	26.36, -21.82, 27.75
CIELCh	26, 35.304, 128.180
Yxy	4.8688, 0.3400, 0.5240
Android (android.graphics.Color)	4280829456 (0xFF284610)
YUV	54.8740, -19.1649, -13.0445
Hunter-Lab	22.0655, -13.0616, 12.0508

Details

The Decimal color **2639376** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3018822**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **5797694**, and **7168** is the 20% darker color. If you saturate the color by 10%, you get **2377225**, and if you desaturate by 10%, it is **2901527**.

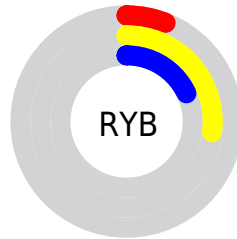
Distribution



Red (16%)

Green (27%)

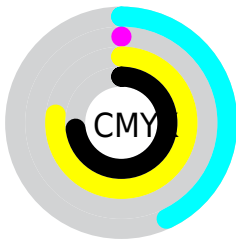
Blue (6%)



Red (6%)

Yellow (27%)

Blue (18%)

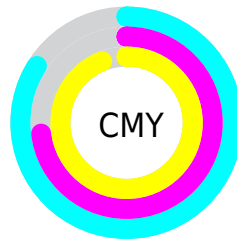


Cyan (43%)

Magenta (0%)

Yellow (77%)

Black (73%)



Cyan (84%)

Magenta (73%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2639376 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 2639376 by changing the saturation by 10% instead.

 2639376

 2639376

 16777206

 1257216

 5797694

 7168

 7442518

 0

 9153390

 10929800

 12772003

 14614462

 16515034

 2639376

 2639376

■ 2377225

■ 2901527

■ 2115074

■ 3163678

■ 2049536

■ 3425829

■ 3687980

■ 3884595

■ 4146746

■ 4408897

■ 4671048

■ 4933199

Harmonies

Analogous

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



4538113



2639376



18985

Triad

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



2639376



18288



7218232

Complementary

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



2639376



3018822

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.



6563923



2639376



540532

Square

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



2639376



19039



4797545



6957598

Rectangle

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



2639376



19260



4797545



7152705

Sweetspot

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



2639376



5266503



4599312



2567713



11382189



3026478

Same Dimension

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



2639376



2907142



1066515



2237472



2908928



6677248

Inverse Universe

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



3018822



3540572



4591683



2236452



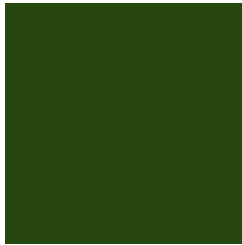
3604579



8257763

Previews

White Background



This preview shows how the Decimal color 2639376 looks on a white background.

Color Contrast Check

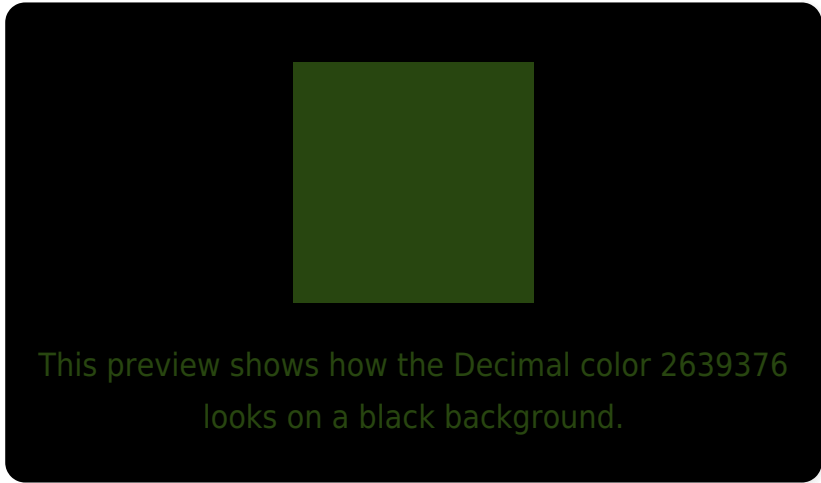
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

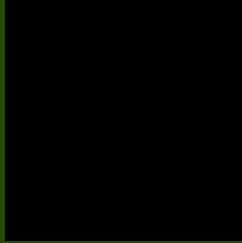
Any Text WCAG AA × Fail

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 2639376 Background



This preview shows how black text looks on a background with the Decimal color 2639376.



This preview shows how white text looks on a background with the Decimal color 2639376.

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](#).

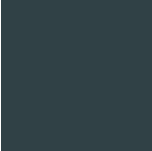
Dichromacy



Original Color
2639376

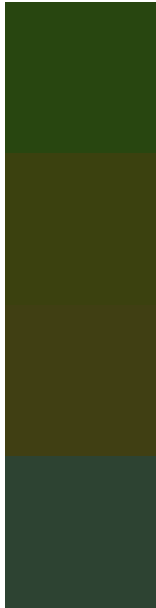
Protanopia
4603406

Deuteranopia
5126933



Tritanopia
3162438

Trichromacy



Original Color
2639376

Protanomaly
3883279

Deuteranomaly
4210451

Tritanomaly
2966322

Monochromacy



Original Color
2639376

Achromatopsia
3618615

Achromatomaly
3292201

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2639376 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 #284610 looks like.

```
.text, #text, p{  
    color:#284610  
}
```

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 #284610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284610
}
```

Border

The CSS property to change the border of an element to Decimal 2639376 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
#284610 }
```

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

```
.border{ border-color:#284610 }
```

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

Here you see how a box with a 4 pixel #284610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284610; -webkit-box-shadow:4px 4px  
4px 4px #284610; box-shadow:4px 4px 4px  
4px #284610 }
```

Background

The CSS property to change the background color of an element to Decimal 2639376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284610 }
```

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

```
.background{ background-color:#284610 }
```

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