

Converting Colors

Decimal(2842946)

Have a look what the booklet for
Decimal(2842946) contains.

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Color

Decimal(2842946)

Conversions

Conversions Part 1

Format	Color
Hex	2B6142
RGB	43, 97, 66
RGB Percent	17%, 38%, 26%
CMY	0.8314, 0.6196, 0.7412
CMYK	0.56, 0.00, 0.32, 0.62
HSL	146°, 39%, 27%
HSV	146°, 56%, 38%
XYZ	6.2543, 9.4563, 6.6499
YIQ	77.3200, -22.2330, -21.0890

Conversions

Conversions Part 2

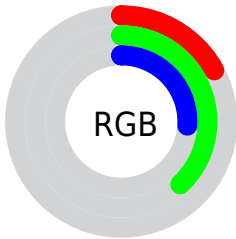
Format	Color
RYB	43, 81, 97
Decimal	2842946
CIELab	36.85, -25.93, 12.36
CIElCh	37, 28.728, 154.525
Yxy	9.4563, 0.2797, 0.4229
Android (android.graphics.Color)	4281033026 (0xFF2B6142)
YUV	77.3200, -5.5808, -30.0986
Hunter-Lab	30.7511, -17.5103, 8.7045

Details

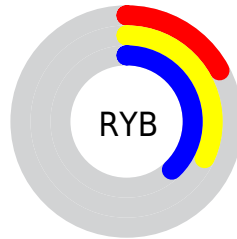
The Decimal color **2842946** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6368074**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **6132850**, and **12823** is the 20% darker color. If you saturate the color by 10%, you get **2187580**, and if you desaturate by 10%, it is **3498312**.

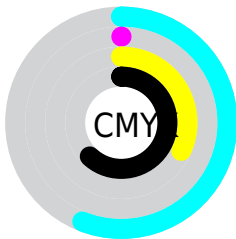
Distribution



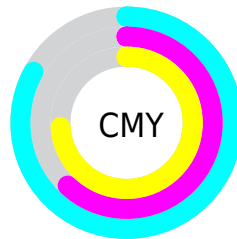
- Red (17%)
- Green (38%)
- Blue (26%)



- Red (17%)
- Yellow (32%)
- Blue (38%)



- Cyan (56%)
- Magenta (0%)
- Yellow (32%)
- Black (62%)



- Cyan (83%)
- Magenta (62%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2842946 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 2842946 by changing the saturation by 10% instead.

■ 2842946

■ 2842946

16777215

■ 1067308

■ 6132850

■ 12823

■ 7843724

■ 7936

■ 9554598

■ 0

■ 11397057

■ 13172701

■ 15073274

■ 2842946

■ 2842946

■ 2187580

■ 3498312

■ 1597751

■ 4088141

■ 942385

■ 4743507

■ 287020

■ 5398872

■ 24873

■ 6054238

■ 6644067

■ 7299433

■ 7954799

■ 8544628

Harmonies

Analogous

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



4807983



2842946



25434

Triad

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



2842946



3627141



8472382

Complementary

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



2842946



6368074

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.



8537172



2842946



6115197

Square

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



2842946



24192



7751531



7687725

Rectangle

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



2842946



25193



7751531



8537413

Sweetspot

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



2842946



6847857



4940075



3358776



12566463



4210752

Same Dimension

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



2842946



2719053



2842972



2895918



28720



61542

Inverse Universe

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



6368074



8202585



6368047



3157038



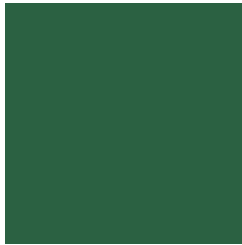
7340096



15728778

Previews

White Background



This preview shows how the Decimal color 2842946 looks on a white background.

Color Contrast Check

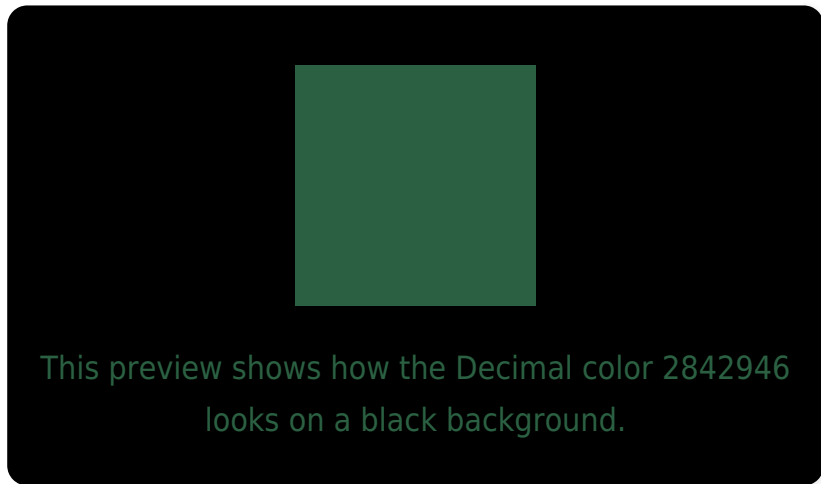
Large Text (above 18pt) WCAG AA ✓ Pass

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

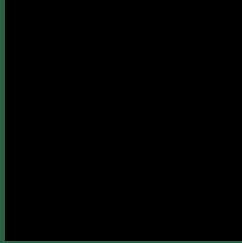
Any Text WCAG AA × Fail

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 2842946 Background



This preview shows how black text looks on a background with the Decimal color 2842946.



This preview shows how white text looks on a background with the Decimal color 2842946.

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
2842946

Protanopia
6116925

Deuteranopia
6640453



Tritanopia
3497316

Trichromacy



Original Color
2842946

Protanomaly
4938303

Deuteranomaly
5265476

Tritanomaly
3235416

Monochromacy



Original Color
2842946

Achromatopsia
5066061

Achromatomaly
4281417

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2842946 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 #2B6142 looks like.

```
.text, #text, p{  
    color:#2B6142  
}
```

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 #2B6142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6142
}
```

Border

The CSS property to change the border of an element to Decimal 2842946 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
#2B6142 }
```

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

```
.border{ border-color:#2B6142 }
```

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

Here you see how a box with a 4 pixel #2B6142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6142; -webkit-box-shadow:4px 4px  
4px 4px #2B6142; box-shadow:4px 4px 4px  
4px #2B6142 }
```

Background

The CSS property to change the background color of an element to Decimal 2842946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6142 }
```

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

```
.background{ background-color:#2B6142 }
```

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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