

Converting Colors

Decimal(2906462)

Have a look what the booklet for
Decimal(2906462) contains.

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Color

Decimal(2906462)

Conversions

Conversions Part 1

Format	Color
Hex	2C595E
RGB	44, 89, 94
RGB Percent	17%, 35%, 37%
CMY	0.8275, 0.6510, 0.6314
CMYK	0.53, 0.05, 0.00, 0.63
HSL	186°, 36%, 27%
HSV	186°, 53%, 37%
XYZ	6.6315, 8.4884, 11.8786
YIQ	76.1150, -28.4250, -7.9850

Conversions

Conversions Part 2

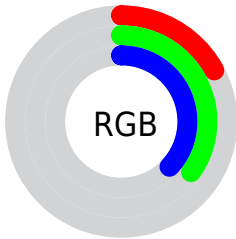
Format	Color
RYB	44, 68, 94
Decimal	2906462
CIELab	34.98, -13.90, -7.67
CIELCh	35, 15.877, 208.880
Yxy	8.4884, 0.2456, 0.3144
Android (android.graphics.Color)	4281096542 (0xFF2C595E)
YUV	76.1150, 8.8173, -28.1649
Hunter-Lab	29.1348, -10.3570, -3.7788




Details

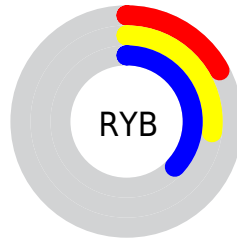
The Decimal color **2906462** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6172972**, and the grayscale version is **5000268**.




A 20% lighter version of the original color is **6196112**, and **11056** is the 20% darker color. If you saturate the color by 10%, you get **2316382**, and if you desaturate by 10%, it is **3496542**.

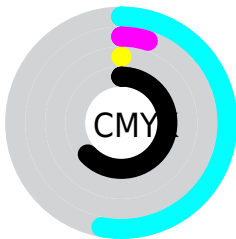
Distribution







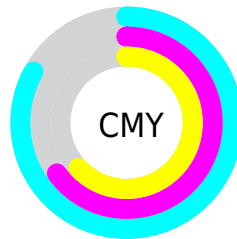
-  Red (17%)
-  Green (35%)
-  Blue (37%)






-  Red (17%)
-  Yellow (27%)
-  Blue (37%)



-  Cyan (53%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (83%)
-  Magenta (65%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2906462 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 2906462 by changing the saturation by 10% instead.

■ 2906462

■ 2906462

16777215

■ 1131078

■ 6196112

■ 11056

■ 7906987

■ 6171

■ 9683398

■ 0

■ 11460066

■ 13302271

■ 15138815

■ 2906462

■ 2906462

■ 2316382

■ 3496542

■ 1660766

■ 4152158

■ 1070686

■ 4742238

■ 415070

■ 5397854

■ 21854

■ 5987934

■ 6578014

■ 7233630

■ 7823710

■ 8479070

Harmonies

Analogous

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



3365201



2906462



3299176

Triad

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



2906462



6441824



6050105

Complementary

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



2906462



6172972

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.



6704445



2906462



6965587

Square

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



2906462



5525352



7096903



5133628

Rectangle

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



2906462



3954027



7096903



6311994

Sweetspot

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



2906462



6781050



2907697



3292221



12434877



4013373

Same Dimension

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



2906462



2913146



2900062



2698542



25454



54765

Inverse Universe

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



6171737



8006771



6179372



3025197



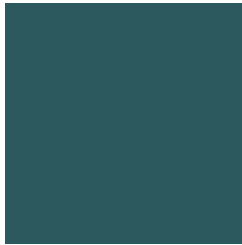
7209059



15532245

Previews

White Background



This preview shows how the Decimal color 2906462 looks on a white background.

Color Contrast Check

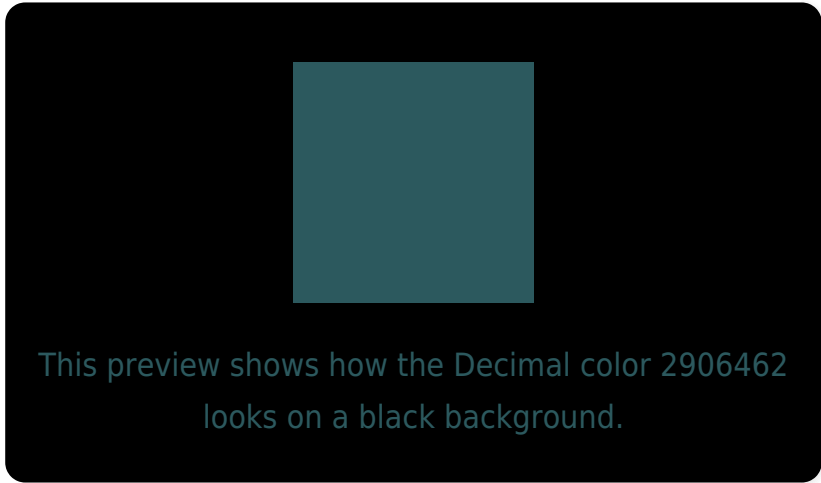
Large Text (above 18pt) WCAG AA ✓ Pass

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

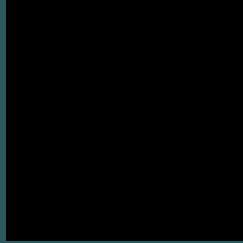
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

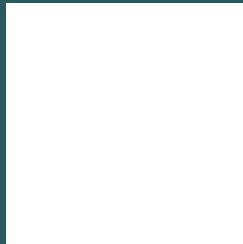
Any Text WCAG AAA × Fail

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

Decimal 2906462 Background



This preview shows how black text looks on a background with the Decimal color 2906462.

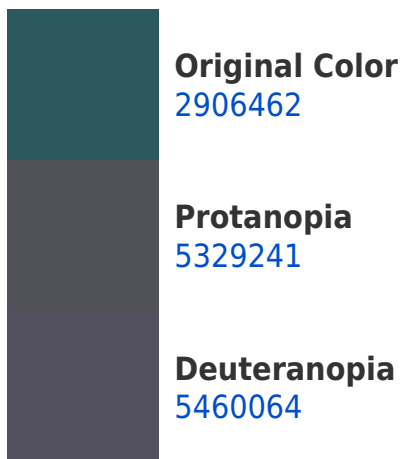


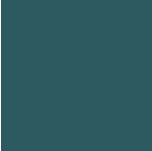
This preview shows how white text looks on a background with the Decimal color 2906462.

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
2972000

Trichromacy



Original Color
2906462

Protanomaly
4478043

Deuteranomaly
4543327

Tritanomaly
2971999

Monochromacy



Original Color
2906462

Achromatopsia
5000268

Achromatomaly
4215123

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2906462 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 #2C595E looks like.

```
.text, #text, p{  
    color:#2C595E  
}
```

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 #2C595E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C595E
}
```

Border

The CSS property to change the border of an element to Decimal 2906462 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
#2C595E }
```

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

```
.border{ border-color:#2C595E }
```

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

Here you see how a box with a 4 pixel #2C595E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C595E; -webkit-box-shadow:4px 4px  
4px 4px #2C595E; box-shadow:4px 4px 4px  
4px #2C595E }
```

Background

The CSS property to change the background color of an element to Decimal 2906462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C595E }
```

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

```
.background{ background-color:#2C595E }
```

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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