

# Converting Colors

Decimal(2972524)

Have a look what the booklet for  
Decimal(2972524) contains.

<b>Decimal(2972524)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(2972524)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D5B6C
RGB	45, 91, 108
RGB Percent	18%, 36%, 42%
CMY	0.8235, 0.6431, 0.5765
CMYK	0.58, 0.16, 0.00, 0.58
HSL	196°, 41%, 30%
HSV	196°, 58%, 42%
XYZ	7.5300, 9.1228, 15.5514
YIQ	79.1840, -32.8730, -4.4650

# Conversions

## Conversions Part 2

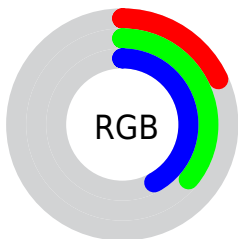
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 72, 108
Decimal	2972524
CIE <sub>Lab</sub>	36.22, -10.34, -14.51
CIE <sub>LCh</sub>	36, 17.817, 234.528
Yxy	9.1228, 0.2338, 0.2833
Android (android.graphics.Color)	4281162604 (0xFF2D5B6C)
YUV	79.1840, 14.2063, -29.9794
Hunter-Lab	30.2039, -8.3556, -9.3844

# Details

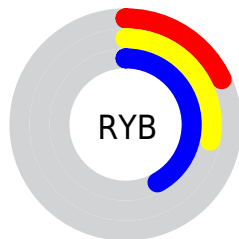
The Decimal color **2972524** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7093805**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **6393247**, and **11581** is the 20% darker color. If you saturate the color by 10%, you get **2250860**, and if you desaturate by 10%, it is **3694188**.

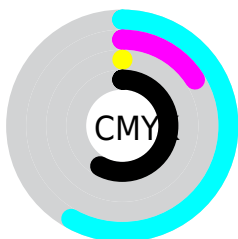
# Distribution



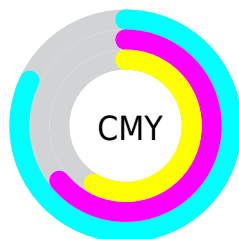
- Red (18%)
- Green (36%)
- Blue (42%)



- Red (18%)
- Yellow (28%)
- Blue (42%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (64%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2972524 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 2972524 by changing the saturation by 10% instead.



■ 2972524

■ 2972524

16777215

■ 1065812

■ 6393247

■ 11581

■ 8104122

■ 6439

■ 9880534

■ 274

■ 11657203

■ 0

■ 13499391

■ 15400959

■ 2972524

■ 2972524

■ 2250860

■ 3694188

■ 1529196

■ 4415852

■ 873068

■ 5071980

■ 151404

■ 5793644

■ 20332

■ 6515308

■ 7236716

■ 7958380

■ 8614508

■ 9336172

# Harmonies

## Analogous

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



2645345



2972524



4151153

# Triad

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



2972524



7293784



5462075

# Complementary

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



2972524



7093805

# 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.



6443833



2972524



7490378

# Square

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



2972524



6639206



7163710



4414276

# Rectangle

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



2972524



5067889



7163710



5789497



# Sweetspot

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



2972524



7570828



2976830



3687239



13092807



4671303



# Same Dimension

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



2972524



2781836



2964588



3159094



22133



46069



# Inverse Universe

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



7089499



9185906



7101741



3551284



7667798

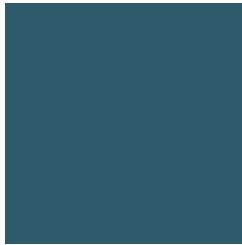


16056499



# Previews

## White Background



This preview shows how the Decimal color 2972524 looks on a white background.

## Color Contrast Check

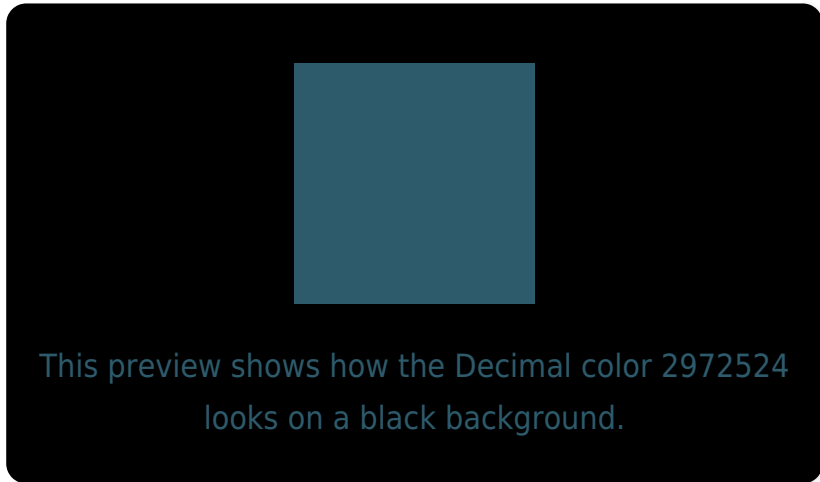
Large Text (above 18pt) WCAG AA ✓ Pass

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

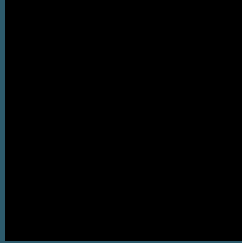
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2972524 Background



This preview shows how black text looks on a background with the Decimal color 2972524.

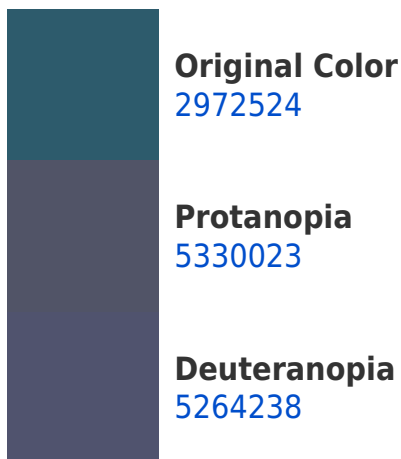


This preview shows how white text looks on a background with the Decimal color 2972524.

# Color Blindness Simulation

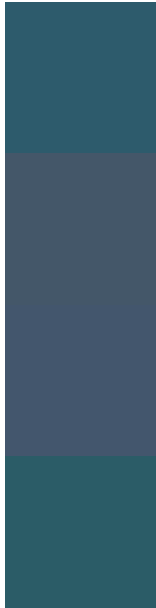
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
2972524

**Protanomaly**  
4478825

**Deuteranomaly**  
4413037

**Tritanomaly**  
2841703

# Monochromacy



**Original Color**  
2972524

**Achromatopsia**  
5197647

**Achromatomaly**  
4412250

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2972524 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 #2D5B6C looks like.

```
.text, #text, p{  
    color:#2D5B6C  
}
```

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 #2D5B6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5B6C
}
```

## Border

The CSS property to change the border of an element to Decimal 2972524 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
#2D5B6C }
```

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

```
.border{ border-color:#2D5B6C }
```

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

Here you see how a box with a 4 pixel #2D5B6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5B6C; -webkit-box-shadow:4px 4px  
4px 4px #2D5B6C; box-shadow:4px 4px 4px  
4px #2D5B6C }
```

# Background

The CSS property to change the background color of an element to Decimal 2972524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5B6C }
```

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

```
.background{ background-color:#2D5B6C }
```

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