

# Converting Colors

Decimal(2976725)

Have a look what the booklet for  
Decimal(2976725) contains.

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# Color

**Decimal(2976725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D6BD5
RGB	45, 107, 213
RGB Percent	18%, 42%, 84%
CMY	0.8235, 0.5804, 0.1647
CMYK	0.79, 0.50, 0.00, 0.16
HSL	218°, 67%, 51%
HSV	218°, 79%, 84%
XYZ	18.3501, 15.8774, 65.0483
YIQ	100.5460, -70.9780, 19.8220

# Conversions

## Conversions Part 2

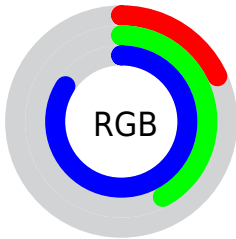
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 90, 213
Decimal	2976725
CIE <sub>Lab</sub>	46.81, 18.24, -60.15
CIE <sub>LCh</sub>	47, 62.849, 286.866
Yxy	15.8774, 0.1848, 0.1599
Android (android.graphics.Color)	4281166805 (0xFF2D6BD5)
YUV	100.5460, 55.4398, -48.7138
Hunter-Lab	39.8464, 12.4718, -68.8969

# Details

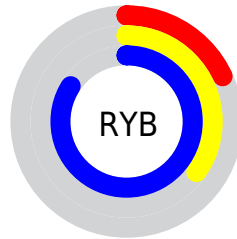
The Decimal color **2976725** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **13997869**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **7642879**, and **15773** is the 20% darker color. If you saturate the color by 10%, you get **1597141**, and if you desaturate by 10%, it is **4356309**.

# Distribution



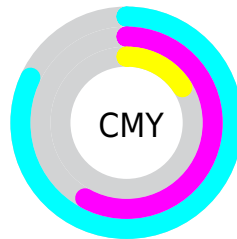
- Red (18%)
- Green (42%)
- Blue (84%)



- Red (18%)
- Yellow (35%)
- Blue (84%)



- Cyan (79%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (82%)
- Magenta (58%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2976725 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 2976725 by changing the saturation by 10% instead.



■ 2976725

■ 2976725

16777215

■ 21433

■ 7642879

■ 15773

■ 9681151

■ 10371

■ 11654399

■ 5737

■ 13693183

■ 1872

■ 15663103

■ 1336

■ 546

■ 7

■ 0

■ 2976725

■ 2976725

■ 1597141

■ 4356309

■ 151765

■ 5801685

■ 20437

■ 7181269

■ 8561109

■ 10006229

■ 11386069

■ 12765653

■ 14145493

■ 15590613

# Harmonies

## Analogous

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



31958



2976725



9851576

# Triad

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



2976725



12340258



34133

# Complementary

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



2976725



13997869

# 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.



2392093



2976725



10052608

# Square

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



2976725



13317460



6977024



34700

# Rectangle

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



2976725



11943834



6977024



33859



# Sweetspot

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



2976725



12769535



3003797



5990528



0



8421504



# Same Dimension

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



2976725



878335



4271573



6317163



16299



4139



# Inverse Universe

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



13970795



16715110



12703021



7037028



11206719



2818064



# Previews

## White Background



This preview shows how the Decimal color 2976725 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



This preview shows how the Decimal color 2976725 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

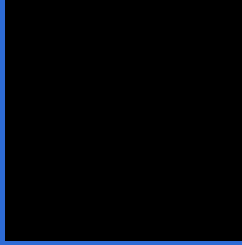
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

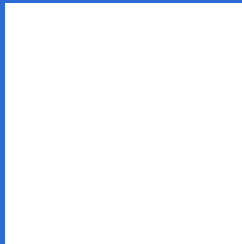
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2976725 Background



This preview shows how black text looks on a background with the Decimal color 2976725.



This preview shows how white text looks on a background with the Decimal color 2976725.

# 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**  
31619

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2976725 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 #2D6BD5 looks like.

```
.text, #text, p{  
  color:#2D6BD5  
}
```

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 #2D6BD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6BD5
}
```

## Border

The CSS property to change the border of an element to Decimal 2976725 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
#2D6BD5 }
```

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

```
.border{ border-color:#2D6BD5 }
```

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

Here you see how a box with a 4 pixel #2D6BD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6BD5; -webkit-box-shadow:4px 4px  
4px 4px #2D6BD5; box-shadow:4px 4px 4px  
4px #2D6BD5 }
```

# Background

The CSS property to change the background color of an element to Decimal 2976725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6BD5 }
```

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

```
.background{ background-color:#2D6BD5 }
```

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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