

Converting Colors

Decimal(2976943)

Have a look what the booklet for
Decimal(2976943) contains.

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Color

Decimal(2976943)

Conversions

Conversions Part 1

Format	Color
Hex	2D6CAF
RGB	45, 108, 175
RGB Percent	18%, 42%, 69%
CMY	0.8235, 0.5765, 0.3137
CMYK	0.74, 0.38, 0.00, 0.31
HSL	211°, 59%, 43%
HSV	211°, 74%, 69%
XYZ	14.1826, 14.3782, 42.5852
YIQ	96.8010, -59.0550, 7.4810

Conversions

Conversions Part 2

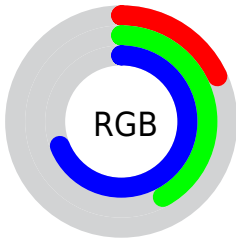
Format	Color
R_{YB}	45, 87, 175
Decimal	2976943
CIE _{Lab}	44.77, 3.26, -41.48
CIE _{LCh}	45, 41.613, 274.493
Yxy	14.3782, 0.1993, 0.2021
Android (android.graphics.Color)	4281167023 (0xFF2D6CAF)
YUV	96.8010, 38.5521, -45.4295
Hunter-Lab	37.9185, 0.4066, -40.0439

Details

The Decimal color **2976943** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11497517**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **7118823**, and **15738** is the 20% darker color. If you saturate the color by 10%, you get **1860527**, and if you desaturate by 10%, it is **4158895**.

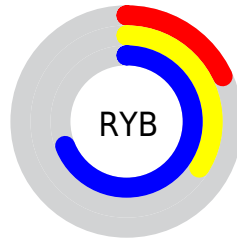
Distribution



Red (18%)

Green (42%)

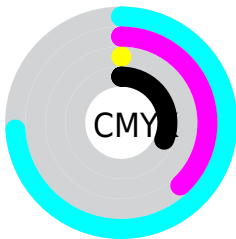
Blue (69%)



Red (18%)

Yellow (34%)

Blue (69%)

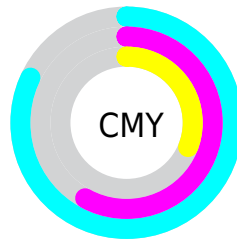


Cyan (74%)

Magenta (38%)

Yellow (0%)

Black (31%)



Cyan (82%)

Magenta (58%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2976943 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 2976943 by changing the saturation by 10% instead.

■ 2976943

■ 2976943

16777215

■ 21652

■ 7118823

■ 15738

■ 9026303

■ 10337

■ 10933759

■ 5192

■ 12841727

■ 1073

■ 14811135

■ 284

■ 0

■ 2976943

■ 2976943

■ 1860527

■ 4158895

■ 678575

■ 5275311

■ 21935

■ 6457263

■ 7573679

■ 8755631

■ 9872047

■ 11053999

■ 12170415

■ 13352367

Harmonies

Analogous

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



30120



2976943



7561123

Triad

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



2976943



10899525



1997131

Complementary

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



2976943



11497517

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.



5534509



2976943



9788714

Square

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



2976943



11094886



7891488



31598

Rectangle

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



2976943



9328019



7891488



3503936

Sweetspot

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



2976943



11651555



2994030



5596019



15921906



7566195

Same Dimension

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



2976943



1670115



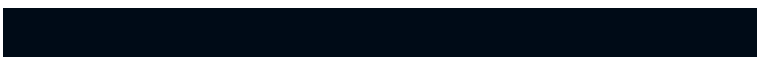
2960815



5132887



18838



2839

Inverse Universe

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



11480428



14883195



11513645



5721682



9830473



1507339

Previews

White Background



This preview shows how the Decimal color 2976943 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 2976943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

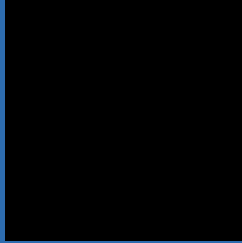
Any Text WCAG AA × Fail

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 2976943 Background



This preview shows how black text looks on a background with the Decimal color 2976943.



This preview shows how white text looks on a background with the Decimal color 2976943.

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](#).

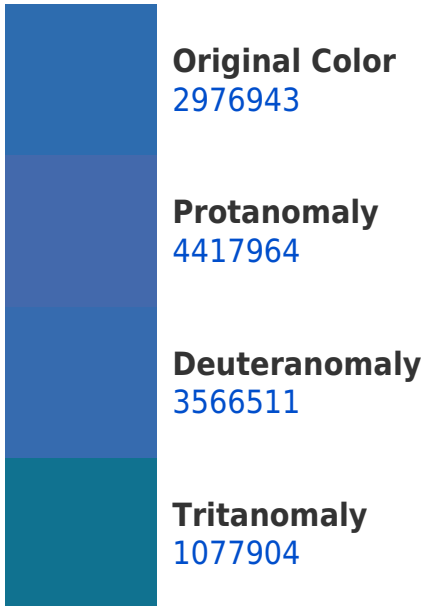
Dichromacy



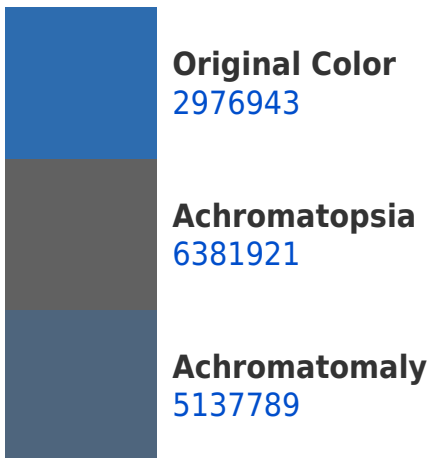


Tritanopia
30078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2976943 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 #2D6CAF looks like.

```
.text, #text, p{  
  color:#2D6CAF  
}
```

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 #2D6CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6CAF
}
```

Border

The CSS property to change the border of an element to Decimal 2976943 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
#2D6CAF }
```

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

```
.border{ border-color:#2D6CAF }
```

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

Here you see how a box with a 4 pixel #2D6CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6CAF; -webkit-box-shadow:4px 4px  
4px 4px #2D6CAF; box-shadow:4px 4px 4px  
4px #2D6CAF }
```

Background

The CSS property to change the background color of an element to Decimal 2976943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6CAF }
```

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

```
.background{ background-color:#2D6CAF }
```

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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