

Converting Colors

Decimal(2976502)

Have a look what the booklet for
Decimal(2976502) contains.

Decimal(2976502)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2976502)

Conversions

Conversions Part 1

Format	Color
Hex	2D6AF6
RGB	45, 106, 246
RGB Percent	18%, 42%, 96%
CMY	0.8235, 0.5843, 0.0353
CMYK	0.82, 0.57, 0.00, 0.04
HSL	222°, 92%, 57%
HSV	222°, 82%, 96%
XYZ	22.8708, 17.5198, 89.3650
YIQ	103.7210, -81.2960, 30.6080

Conversions

Conversions Part 2

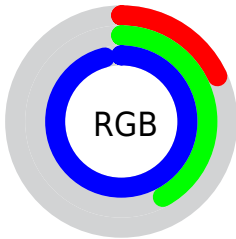
Format	Color
R _Y B	45, 92, 246
Decimal	2976502
CIE Lab	48.91, 31.22, -75.34
CIE LCh	49, 81.554, 292.505
Yxy	17.5198, 0.1763, 0.1350
Android (android.graphics.Color)	4281166582 (0xFF2D6AF6)
YUV	103.7210, 70.1435, -51.4983
Hunter-Lab	41.8566, 24.2846, -97.2861

Details

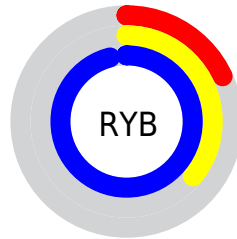
The Decimal color **2976502** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **16169261**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **8166911**, and **15549** is the 20% darker color. If you saturate the color by 10%, you get **1333750**, and if you desaturate by 10%, it is **4619254**.

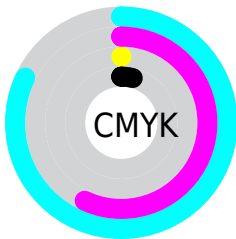
Distribution



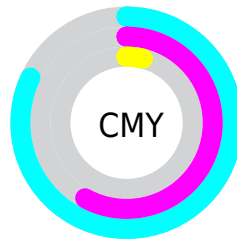
- Red (18%)
- Green (42%)
- Blue (96%)



- Red (18%)
- Yellow (36%)
- Blue (96%)



- Cyan (82%)
- Magenta (57%)
- Yellow (0%)
- Black (4%)




















- Cyan (82%)
- Magenta (58%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2976502 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 2976502 by changing the saturation by 10% instead.

 2976502	 2976502
 16777215	 21209
 8166911	 15549
 10336255	 10401
 12375039	 6022
 14479359	 108
 16515071	 2898
	 1338
	 548
	 11

■ 2976502

■ 2976502

■ 1333750

■ 4619254

■ 19446

■ 6196470

■ 7839222

■ 9416694

■ 11059446

■ 12702198

■ 14279414

■ 15922166

■ 16777206

Harmonies

Analogous

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



33791



2976502



11747530

Triad

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



2976502



13388032



36704

Complementary

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



2976502



16169261

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.



35595



2976502



10251008

Square

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



2976502



15140165



6062080



37288

Rectangle

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



2976502



14160543



6062080



36423

Sweetspot

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



2976502



12571647



3012278



5858688



0



8421504

Same Dimension

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



2976502



348671



5385718



7238266



14522



4667

Inverse Universe

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



16133482



16713041



13760045



8023666



12189752



3866642

Previews

White Background



This preview shows how the Decimal color 2976502 looks on a white background.

Color Contrast Check

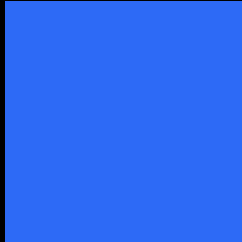
Large Text (above 18pt) WCAG AA ✓ Pass

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 2976502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

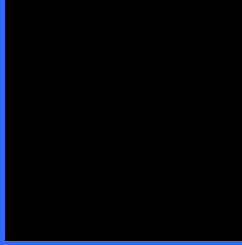
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 2976502 Background



This preview shows how black text looks on a background with the Decimal color 2976502.

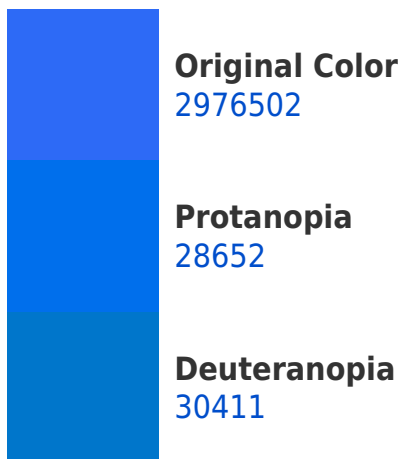


This preview shows how white text looks on a background with the Decimal color 2976502.

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](#).

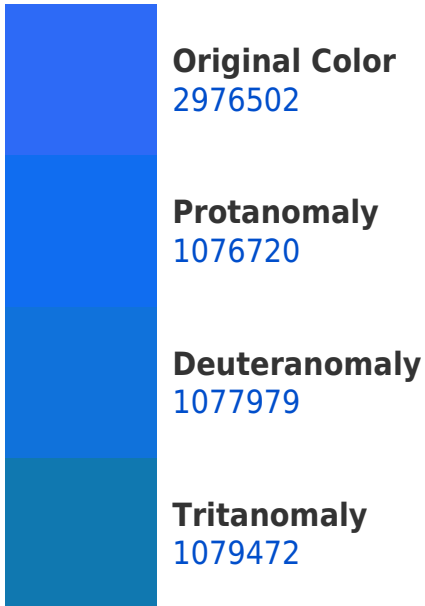
Dichromacy





Tritanopia
32904

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2976502 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 #2D6AF6 looks like.

```
.text, #text, p{  
    color:#2D6AF6  
}
```

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 #2D6AF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6AF6
}
```

Border

The CSS property to change the border of an element to Decimal 2976502 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
#2D6AF6 }
```

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

```
.border{ border-color:#2D6AF6 }
```

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

Here you see how a box with a 4 pixel #2D6AF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6AF6; -webkit-box-shadow:4px 4px  
4px 4px #2D6AF6; box-shadow:4px 4px 4px  
4px #2D6AF6 }
```

Background

The CSS property to change the background color of an element to Decimal 2976502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6AF6 }
```

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

```
.background{ background-color:#2D6AF6 }
```

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