

# Converting Colors

Hex(2764DC)

Have a look what the booklet for  
Hex(2764DC) contains.

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# Color

Hex(2764DC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2764DC
RGB	39, 100, 220
RGB Percent	15%, 39%, 86%
CMY	0.8471, 0.6078, 0.1373
CMYK	0.82, 0.55, 0.00, 0.14
HSL	220°, 72%, 51%
HSV	220°, 82%, 86%
XYZ	18.3121, 14.7130, 69.5849
YIQ	95.4410, -74.8760, 24.3880

# Conversions

## Conversions Part 2

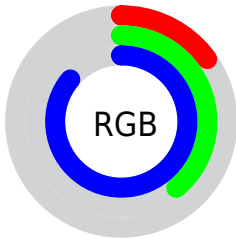
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	39, 85, 220
Decimal	2581724
CIE Lab	45.24, 24.82, -66.69
CIE LCh	45, 71.158, 290.416
Yxy	14.7130, 0.1785, 0.1434
Android (android.graphics.Color)	4280771804 (0xFF2764DC)
YUV	95.4410, 61.4076, -49.4988
Hunter-Lab	38.3575, 18.0915, -80.7085

# Details

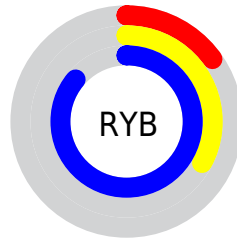
The Hex color **2764DC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DC9F27**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7396FF**, and **0037A4** is the 20% darker color. If you saturate the color by 10%, you get **1155DC**, and if you desaturate by 10%, it is **3D73DC**.

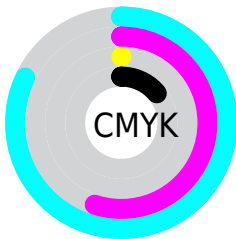
# Distribution



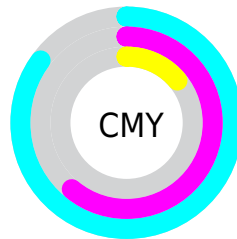
- Red (15%)
- Green (39%)
- Blue (86%)



- Red (15%)
- Yellow (33%)
- Blue (86%)



- Cyan (82%)
- Magenta (55%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (61%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2764DC 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 Hex color 2764DC by changing the saturation by 10% instead.



 2764DC

 2764DC

FFFFFF

 004DC0

 7396FF

 0037A4

 93B1FF

 002389

 B2CCFF

 00116F

 D0E8FF

 000955

 EFFFFFF

 00063D

 000326

 000110

 000000

■ 2764DC

■ 2764DC

■ 1155DC

■ 3D73DC

■ 004ADC

■ 5381DC

■ 6990DC

■ 7F9EDC

■ 95ADDC

■ ABBCDC

■ C1CADC

■ D7D9DC

■ EDE7DC

# Harmonies

## Analogous

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



0078E2



2764DC



9D43B8

# Triad

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



2764DC



BB4504



008355

# Complementary

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



2764DC



DC9F27

# 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.



007E10



2764DC



926200

# Square

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



2764DC



D01E46



5C7400



008493

# Rectangle

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



2764DC



BF2894



5C7400



008240



# Sweetspot

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



2764DC



BFD5FF



27DC9D



596680



000000



808080



# Same Dimension

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



2764DC



0358FF



4227DC



63666E



003AAD



000F2E



# Inverse Universe

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



DC2764



FF0358



C1DC27



6E6366



AD003A



2E000F



# Previews

## White Background



This preview shows how the Hex color 2764DC looks on a white background.

## Color Contrast Check

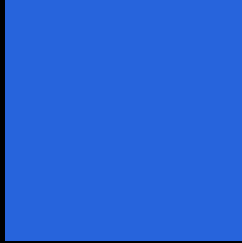
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 2764DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

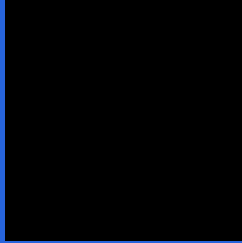
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2764DC Background



This preview shows how black text looks on a background with the Hex color 2764DC.



This preview shows how white text looks on a background with the Hex color 2764DC.

# 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](#).

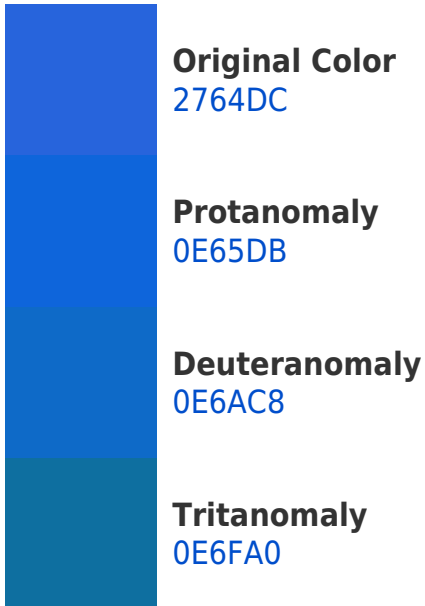
## Dichromacy



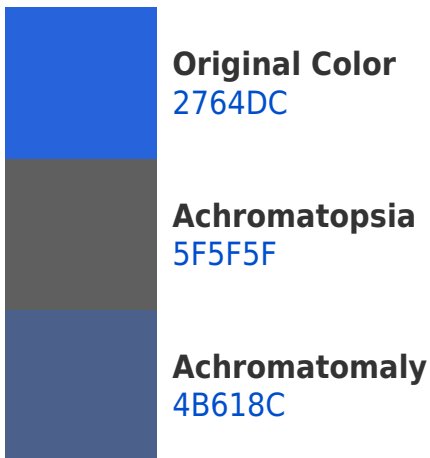


**Tritanopia**  
00767E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2764DC 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 #2764DC looks like.

```
.text, #text, p{  
    color:#2764DC  
}
```

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 #2764DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2764DC
}
```

## Border

The CSS property to change the border of an element to Hex 2764DC 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
#2764DC }
```

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

```
.border{ border-color:#2764DC }
```

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

Here you see how a box with a 4 pixel #2764DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2764DC; -webkit-box-shadow:4px 4px  
4px 4px #2764DC; box-shadow:4px 4px 4px  
4px #2764DC }
```

# Background

The CSS property to change the background color of an element to Hex 2764DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2764DC }
```

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

```
.background{ background-color:#2764DC }
```

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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