

# Converting Colors

Hex(2762D8)

Have a look what the booklet for  
Hex(2762D8) contains.

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# Color

**Hex(2762D8)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 2762D8                     |
| RGB           | 39, 98, 216                |
| RGB Percent   | 15%, 38%, 85%              |
| CMY           | 0.8471, 0.6157, 0.1529     |
| CMYK          | 0.82, 0.55, 0.00, 0.15     |
| HSL           | 220°, 69%, 50%             |
| HSV           | 220°, 82%, 85%             |
| XYZ           | 17.5991, 14.1246, 66.7645  |
| YIQ           | 93.8110, -73.0420, 24.1900 |

# Conversions

## Conversions Part 2

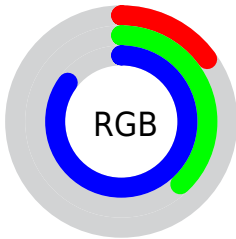
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 39, 83, 216                   |
| Decimal                             | 2581208                       |
| CIE <sub>Lab</sub>                  | 44.41, 24.59, -65.76          |
| CIE <sub>LCh</sub>                  | 44, 70.203, 290.505           |
| Yxy                                 | 14.1246, 0.1787,<br>0.1434    |
| Android<br>(android.graphics.Color) | 4280771288<br>(0xFF2762D8)    |
| YUV                                 | 93.8110, 60.2392,<br>-48.0692 |
| Hunter-Lab                          | 37.5827, 17.8176,<br>-79.0191 |

# Details

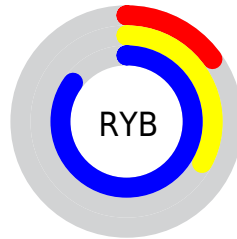
The Hex color **2762D8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D89D27**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7294FF**, and **0035A0** is the 20% darker color. If you saturate the color by 10%, you get **1154D8**, and if you desaturate by 10%, it is **3D70D8**.

# Distribution



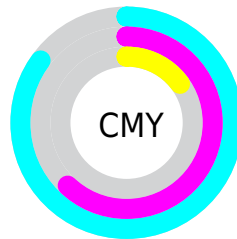
- Red (15%)
- Green (38%)
- Blue (85%)



- Red (15%)
- Yellow (33%)
- Blue (85%)



- Cyan (82%)
- Magenta (55%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (62%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2762D8 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 2762D8 by changing the saturation by 10% instead.



■ 2762D8

■ 2762D8

FFFFFF

■ 004BBC

■ 7294FF

■ 0035A0

■ 92AEFF

■ 002185

■ B0CAFF

■ 000E6B

■ CFE6FF

■ 000B52

■ EEEFFF

■ 00053A

■ 000223

■ 00000B

■ 000000

■ 2762D8

■ 2762D8

■ 1154D8

■ 3D70D8

■ 0048D8

■ 527FD8

■ 688DD8

■ 7D9CD8

■ 93AAD8

■ A9B8D8

■ BEC7D8

■ D4D5D8

■ E9E4D8

# Harmonies

## Analogous

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



0076DE



2762D8



9B42B4

# Triad

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



2762D8



B74304



008154

# Complementary

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



2762D8



D89D27

# 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.



007C10



2762D8



8F6000

# Square

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



2762D8



CC1D44



5A7200



008291

# Rectangle

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



2762D8



BC2791



5A7200



007F3F



# Sweetspot

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



2762D8



BFD4FF



27D89D



596680



000000



808080



# Same Dimension

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



2762D8



0558FF



4427D8



60646B



0039AB



000E2B



# Inverse Universe

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



D82762



FF0558



BAD827



6B6064



AB0039



2B000E



# Previews

## White Background



This preview shows how the Hex color 2762D8 looks on a white background.

## Color Contrast Check

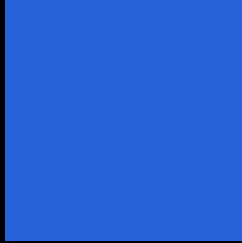
Large Text (above 18pt) WCAG AA ✓ Pass

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 2762D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

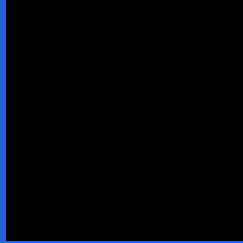
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2762D8 Background



This preview shows how black text looks on a background with the Hex color 2762D8.

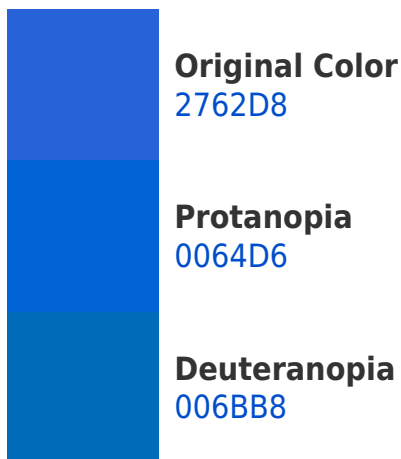


This preview shows how white text looks on a background with the Hex color 2762D8.

# 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**  
2762D8

**Protanomaly**  
0E63D7

**Deuteranomaly**  
0E68C4

# Monochromacy



**Original Color**  
2762D8

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
4A5F8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2762D8 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 #2762D8 looks like.

```
.text, #text, p{  
    color:#2762D8  
}
```

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 #2762D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2762D8
}
```

## Border

The CSS property to change the border of an element to Hex 2762D8 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
#2762D8 }
```

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

```
.border{ border-color:#2762D8 }
```

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

Here you see how a box with a 4 pixel #2762D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2762D8; -webkit-box-shadow:4px 4px  
4px 4px #2762D8; box-shadow:4px 4px 4px  
4px #2762D8 }
```

# Background

The CSS property to change the background color of an element to Hex 2762D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2762D8 }
```

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

```
.background{ background-color:#2762D8 }
```

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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