

# Converting Colors

Hex(2E68D0)

Have a look what the booklet for  
Hex(2E68D0) contains.

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# Color

Hex(2E68D0)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E68D0
RGB	46, 104, 208
RGB Percent	18%, 41%, 82%
CMY	0.8196, 0.5922, 0.1843
CMYK	0.78, 0.50, 0.00, 0.18
HSL	219°, 64%, 50%
HSV	219°, 78%, 82%
XYZ	17.4622, 15.0355, 61.6563
YIQ	98.5140, -67.9520, 20.0480

# Conversions

## Conversions Part 2

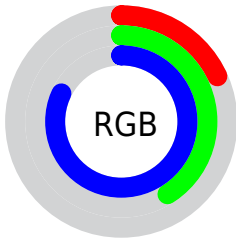
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 89, 208
Decimal	3041488
CIE <sub>Lab</sub>	45.68, 18.37, -59.11
CIE <sub>LCh</sub>	46, 61.902, 287.262
Yxy	15.0355, 0.1855, 0.1597
Android (android.graphics.Color)	4281231568 (0xFF2E68D0)
YUV	98.5140, 53.9766, -46.0548
Hunter-Lab	38.7757, 12.5280, -67.1326

# Details

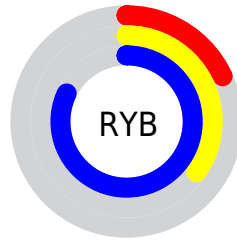
The Hex color **2E68D0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D0962E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **749BFF**, and **003A99** is the 20% darker color. If you saturate the color by 10%, you get **195BD0**, and if you desaturate by 10%, it is **4375D0**.

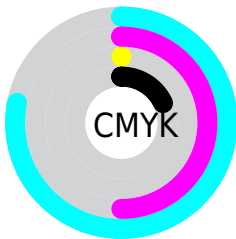
# Distribution



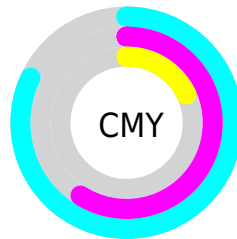
- Red (18%)
- Green (41%)
- Blue (82%)



- Red (18%)
- Yellow (35%)
- Blue (82%)



- Cyan (78%)
- Magenta (50%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (59%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E68D0 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 2E68D0 by changing the saturation by 10% instead.



■ 2E68D0

■ 2E68D0

FFFFFF

■ 0050B4

■ 749BFF

■ 003A99

■ 92B5FF

■ 00267E

■ B0D1FF

■ 001364

■ CFEDFF

■ 00094C

■ EDFFFF

■ 000434

■ 00021E

■ 000000

■ 2E68D0

■ 2E68D0

■ 195BD0

■ 4375D0

■ 044DD0

■ 5883D0

■ 004AD0

■ 6C90D0

■ 819DD0

■ 96ABD0

■ ABB8D0

■ C0C5D0

■ D4D3D0

■ E9E0D0

# Harmonies

## Analogous

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



0079D2



2E68D0



934FB3

# Triad

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



2E68D0



B74A20



008254

# Complementary

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



2E68D0



D0962E

# 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.



207D1D



2E68D0



956200

# Square

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



2E68D0



C73351



677300



00838A

# Rectangle

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



2E68D0



B33D95



677300



008142



# Sweetspot

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



2E68D0



C4D9FF



2ED095



5C6980



000000



808080



# Same Dimension

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



2E68D0



1267FF



442ED0



5E6269



003CA8



000F29



# Inverse Universe

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



D02E68



FF1267



BAD02E



695E62



A8003C



29000F



# Previews

## White Background



This preview shows how the Hex color 2E68D0 looks on a white background.

## Color Contrast Check

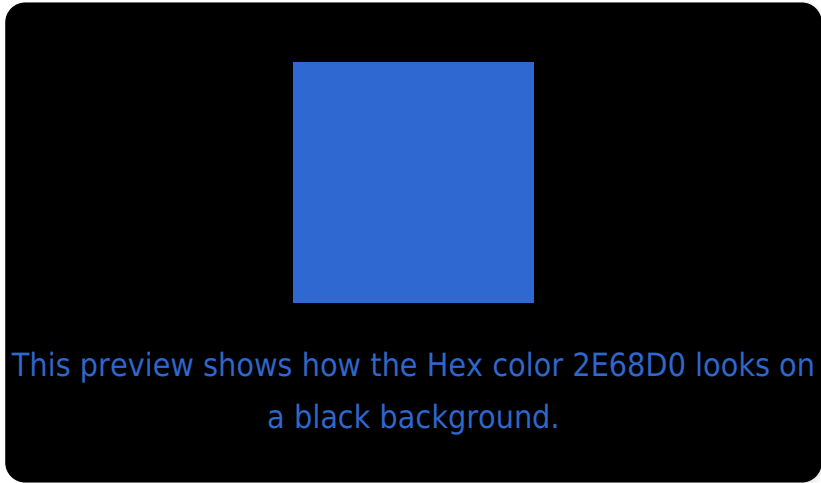
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

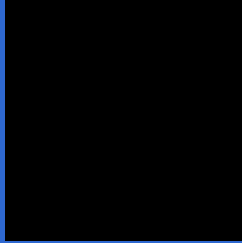
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

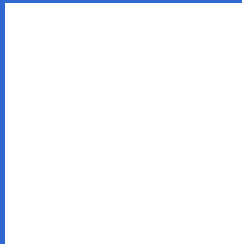
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E68D0 Background



This preview shows how black text looks on a background with the Hex color 2E68D0.



This preview shows how white text looks on a background with the Hex color 2E68D0.

# Color Blindness Simulation

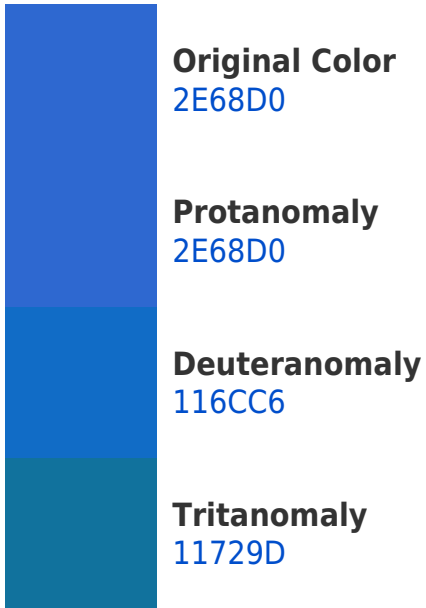
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E68D0 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 #2E68D0 looks like.

```
.text, #text, p{  
    color:#2E68D0  
}
```

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 #2E68D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E68D0
}
```

## Border

The CSS property to change the border of an element to Hex 2E68D0 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".

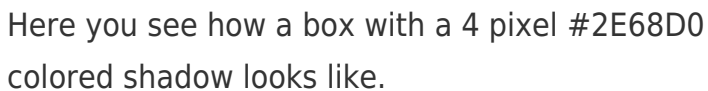
```
.border, #border, table{ border:4px solid
#2E68D0 }
```

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

```
.border{ border-color:#2E68D0 }
```

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

Here you see how a box with a 4 pixel #2E68D0 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E68D0; -webkit-box-shadow:4px 4px  
4px 4px #2E68D0; box-shadow:4px 4px 4px  
4px #2E68D0 }
```

# Background

The CSS property to change the background color of an element to Hex 2E68D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E68D0 }
```

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

```
.background{ background-color:#2E68D0 }
```

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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