

# Converting Colors

Hex(260CED)

Have a look what the booklet for  
Hex(260CED) contains.

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# Color

**Hex(260CED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	260CED
RGB	38, 12, 237
RGB Percent	15%, 5%, 93%
CMY	0.8510, 0.9529, 0.0706
CMYK	0.84, 0.95, 0.00, 0.07
HSL	247°, 90%, 49%
HSV	247°, 95%, 93%
XYZ	16.2169, 6.7894, 80.5765
YIQ	45.4240, -56.7290, 75.4870

# Conversions

## Conversions Part 2

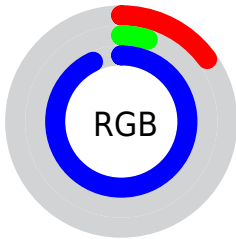
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	38, 12, 237
Decimal	2493677
CIE Lab	31.32, 73.34, -99.31
CIE LCh	31, 123.458, 306.446
Yxy	6.7894, 0.1566, 0.0655
Android (android.graphics.Color)	4280683757 (0xFF260CED)
YUV	45.4240, 94.4470, -6.5108
Hunter-Lab	26.0565, 65.4944, -165.1071

# Details

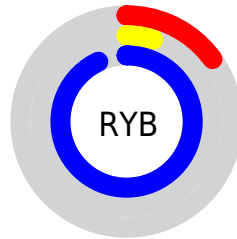
The Hex color **260CED** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **D3ED0C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7D4AFF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **1B00ED**, and if you desaturate by 10%, it is **3B24ED**.

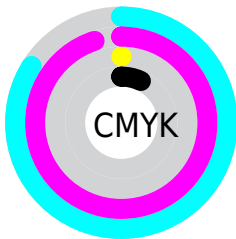
# Distribution



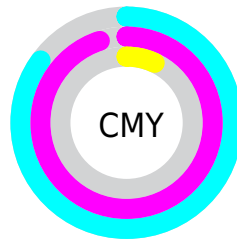
- Red (15%)
- Green (5%)
- Blue (93%)



- Red (15%)
- Yellow (5%)
- Blue (93%)



- Cyan (84%)
- Magenta (95%)
- Yellow (0%)
- Black (7%)



- Cyan (85%)
- Magenta (95%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 260CED 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 260CED by changing the saturation by 10% instead.



 260CED

 260CED

FFFFFF

 0000D0

 7D4AFF

 0000B3

 9F65FF

 000097

 C081FF

 00007C

 E09CFF

 000F62

 FFB8FF

 000949

 FFD5FF

 000432

 FFF2FF

 00011C

 000000

■ 260CED

■ 260CED

■ 1B00ED

■ 3B24ED

■ 503BED

■ 6553ED

■ 7A6BED

■ 8F83ED

■ A49AED

■ B9B2ED

■ CECAED

■ E3E1ED

# Harmonies

## Analogous

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



0059FF



260CED



C0009A

# Triad

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



260CED



941500



00655E

# Complementary

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



260CED



D3ED0C

# 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.



006200



260CED



484E00

# Square

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



260CED



C90000



005E00



0069BF

# Rectangle

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



260CED



DB005A



005E00



00643C



# Sweetspot

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



260CED



C0B8FF



0CD6ED



595480



000000



808080



# Same Dimension

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



260CED



1D00FF



930CED



6B6A75



1500B5



060036



# Inverse Universe

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



ED0CD3



FF00E2



66ED0C



756A74



B500A0

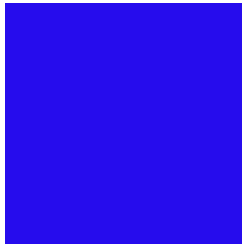


36002F



# Previews

## White Background



This preview shows how the Hex color 260CED looks on a white background.

## Color Contrast Check

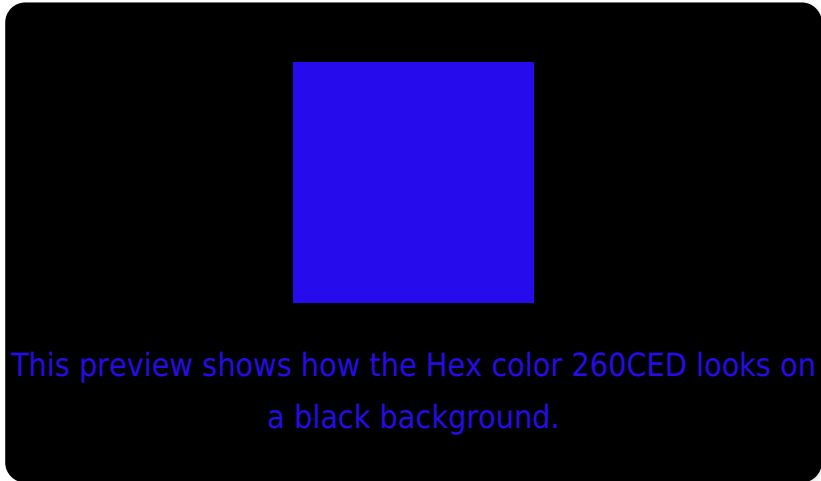
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

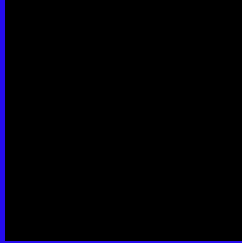
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 260CED Background



This preview shows how black text looks on a background with the Hex color 260CED.



This preview shows how white text looks on a background with the Hex color 260CED.

# 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



**Original Color**  
260CED

**Protanopia**  
004796

**Deuteranopia**  
004C7F



# Trichromacy



**Original Color**  
260CED

**Protanomaly**  
0E32B6

**Deuteranomaly**  
0E35A7

**Tritanomaly**  
0E398D

# Monochromacy



**Original Color**  
260CED

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
2A2173

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 260CED 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 #260CED looks like.

```
.text, #text, p{  
    color:#260CED  
}
```

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 #260CED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #260CED
}
```

## Border

The CSS property to change the border of an element to Hex 260CED 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
#260CED }
```

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

```
.border{ border-color:#260CED }
```

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

Here you see how a box with a 4 pixel #260CED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #260CED; -webkit-box-shadow:4px 4px  
4px 4px #260CED; box-shadow:4px 4px 4px  
4px #260CED }
```

# Background

The CSS property to change the background color of an element to Hex 260CED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#260CED }
```

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

```
.background{ background-color:#260CED }
```

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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