

# Converting Colors

Hex(286CE1)

Have a look what the booklet for  
Hex(286CE1) contains.

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# Color

**Hex(286CE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	286CE1
RGB	40, 108, 225
RGB Percent	16%, 42%, 88%
CMY	0.8431, 0.5765, 0.1176
CMYK	0.82, 0.52, 0.00, 0.12
HSL	218°, 76%, 52%
HSV	218°, 82%, 88%
XYZ	19.8282, 16.6125, 73.3956
YIQ	101.0060, -78.0850, 21.9710

# Conversions

## Conversions Part 2

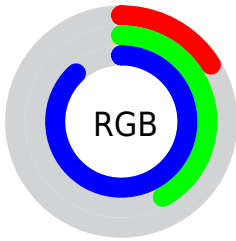
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	40, 90, 225
Decimal	2649313
CIE Lab	47.77, 21.68, -65.42
CIE LCh	48, 68.915, 288.335
Yxy	16.6125, 0.1805, 0.1512
Android (android.graphics.Color)	4280839393 (0xFF286CE1)
YUV	101.0060, 61.1290, -53.5023
Hunter-Lab	40.7584, 15.5098, -78.2355

# Details

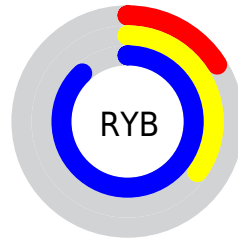
The Hex color **286CE1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E19D28**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **749FFF**, and **003EA9** is the 20% darker color. If you saturate the color by 10%, you get **125EE1**, and if you desaturate by 10%, it is **3F7AE1**.

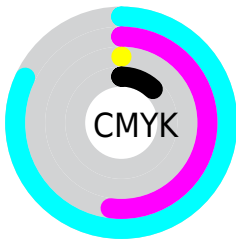
# Distribution



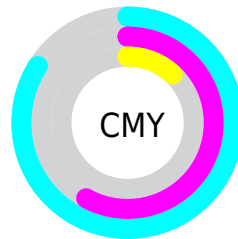
- Red (16%)
- Green (42%)
- Blue (88%)



- Red (16%)
- Yellow (35%)
- Blue (88%)



- Cyan (82%)
- Magenta (52%)
- Yellow (0%)
- Black (12%)



- Cyan (84%)
- Magenta (58%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 286CE1 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 286CE1 by changing the saturation by 10% instead.



■ 286CE1

■ 286CE1

FFFFFF

■ 0054C5

■ 749FFF

■ 003EA9

■ 94B9FF

■ 00298E

■ B3D5FF

■ 001773

■ D2F1FF

■ 00045A

■ F1FFFF

■ 000741

■ 00032A

■ 000115

■ 000000

■ 286CE1

■ 286CE1

■ 125EE1

■ 3F7AE1

■ 0053E1

■ 5588E1

■ 6C97E1

■ 82A5E1

■ 99B3E1

■ AFC1E1

■ C6D0E1

■ DCDEE1

■ F3ECE1

# Harmonies

## Analogous

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



007FE4



286CE1



9F4EC0

# Triad

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



286CE1



C34B17



008958

# Complementary

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



286CE1



E19D28

# 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.



058417



286CE1



9C6700

# Square

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



286CE1



D52C51



687900



008B94

# Rectangle

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



286CE1



C1379E



687900



008843



# Sweetspot

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



286CE1



BFD7FF



28E19A



596780



000000



808080



# Same Dimension

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



286CE1



035FFF



3E28E1



656970



0041B0



001230



# Inverse Universe

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



E1286C



FF035F



CBE128



706569



B00041



300012



# Previews

## White Background



This preview shows how the Hex color 286CE1 looks on a white background.

## Color Contrast Check

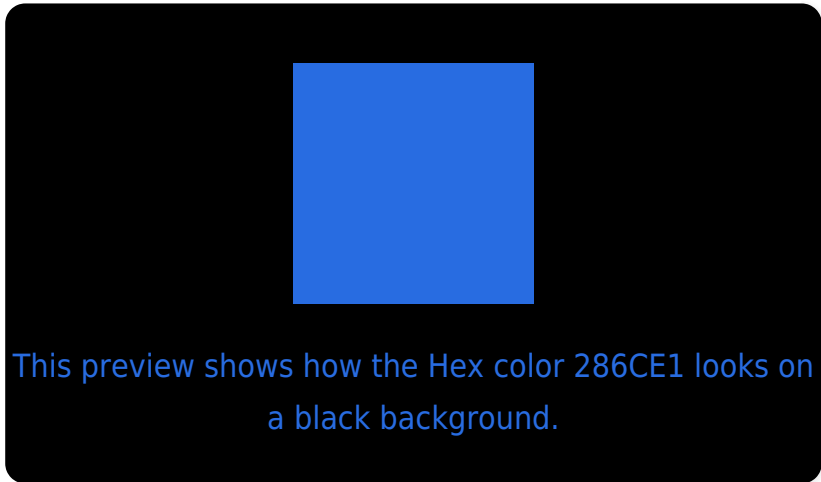
Large Text (above 18pt) WCAG AA ✓ Pass

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

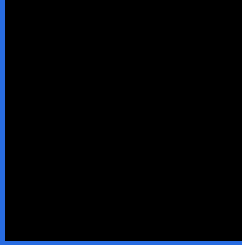
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

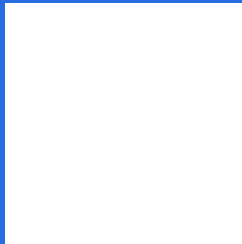
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 286CE1 Background



This preview shows how black text looks on a background with the Hex color 286CE1.

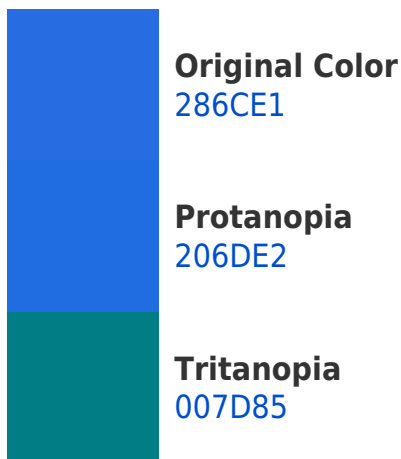


This preview shows how white text looks on a background with the Hex color 286CE1.

# 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**  
286CE1

**Protanomaly**  
236DE2

**Tritanomaly**  
0F77A6

# Monochromacy



**Original Color**  
286CE1

**Achromatopsia**  
656565

**Achromatomaly**  
4F6892

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 286CE1 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 #286CE1 looks like.

```
.text, #text, p{  
    color:#286CE1  
}
```

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 #286CE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286CE1
}
```

## Border

The CSS property to change the border of an element to Hex 286CE1 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
#286CE1 }
```

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

```
.border{ border-color:#286CE1 }
```

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

Here you see how a box with a 4 pixel #286CE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286CE1; -webkit-box-shadow:4px 4px  
4px 4px #286CE1; box-shadow:4px 4px 4px  
4px #286CE1 }
```

# Background

The CSS property to change the background color of an element to Hex 286CE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286CE1 }
```

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

```
.background{ background-color:#286CE1 }
```

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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