

Converting Colors

Hex(266BE0)

Have a look what the booklet for
Hex(266BE0) contains.

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Color

Hex(266BE0)

Conversions

Conversions Part 1

Format	Color
Hex	266BE0
RGB	38, 107, 224
RGB Percent	15%, 42%, 88%
CMY	0.8510, 0.5804, 0.1216
CMYK	0.83, 0.52, 0.00, 0.12
HSL	218°, 75%, 51%
HSV	218°, 83%, 88%
XYZ	19.5116, 16.3093, 72.6406
YIQ	99.7070, -78.6810, 21.7590

Conversions

Conversions Part 2

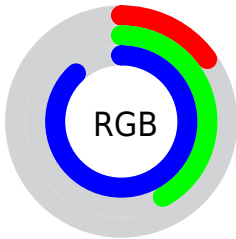
Format	Color
R_{YB}	38, 88, 224
Decimal	2517984
CIE _{Lab}	47.38, 21.77, -65.49
CIE _{LCh}	47, 69.011, 288.392
Yxy	16.3093, 0.1799, 0.1504
Android (android.graphics.Color)	4280708064 (0xFF266BE0)
YUV	99.7070, 61.2764, -54.1170
Hunter-Lab	40.3847, 15.5676, -78.3765

Details

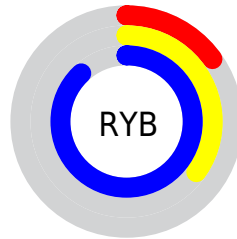
The Hex color **266BE0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E09B26**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **739EFF**, and **003DA8** is the 20% darker color. If you saturate the color by 10%, you get **105DE0**, and if you desaturate by 10%, it is **3C79E0**.

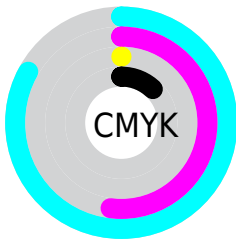
Distribution



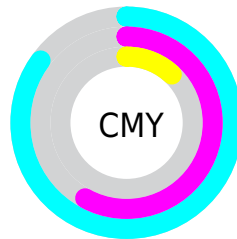
- Red (15%)
- Green (42%)
- Blue (88%)



- Red (15%)
- Yellow (35%)
- Blue (88%)



- Cyan (83%)
- Magenta (52%)
- Yellow (0%)
- Black (12%)



- Cyan (85%)
- Magenta (58%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 266BE0 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 266BE0 by changing the saturation by 10% instead.

 266BE0

 266BE0

FFFFFF

 0053C4

 739EFF

 003DA8

 93B8FF

 00298D

 B2D4FF

 001772

 D1F0FF

 000559

 F0FFFF

 000741

 00032A

 000114

 000000

■ 266BE0

■ 266BE0

■ 105DE0

■ 3C79E0

■ 0053E0

■ 5387E0

■ 6995E0

■ 80A3E0

■ 96B1E0

■ ACC0E0

■ C3CEE0

■ D9DCE0

■ FOEAE0

Harmonies

Analogous

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



007EE3



266BE0



9E4DBF

Triad

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



266BE0



C14A16



008857

Complementary

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



266BE0



E09B26

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.



008316



266BE0



9B6600

Square

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



266BE0



D42A50



677800



008A94

Rectangle

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



266BE0



C0369C



677800



008743

Sweetspot

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



266BE0



BFD7FF



26E099



596780



000000



808080

Same Dimension

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



266BE0



005FFF



3C26E0



656970



0041B0



001230

Inverse Universe

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



E0266B



FF005F



CAE026



706569



B00041



300012

Previews

White Background



This preview shows how the Hex color 266BE0 looks on a white background.

Color Contrast Check

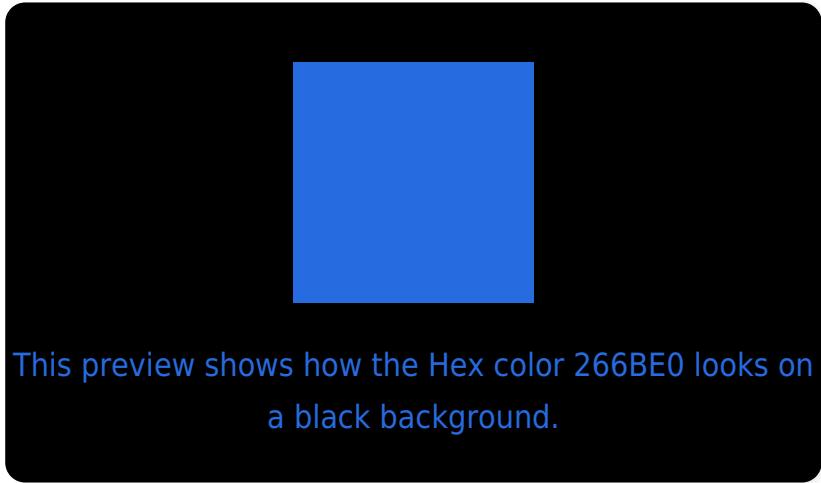
Large Text (above 18pt) WCAG AA ✓ Pass

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

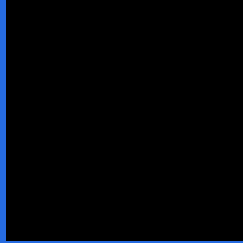
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

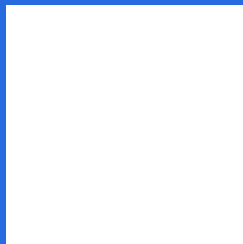
Any Text WCAG AAA × Fail

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

Hex 266BE0 Background



This preview shows how black text looks on a background with the Hex color 266BE0.



This preview shows how white text looks on a background with the Hex color 266BE0.

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
266BE0

Protanomaly
206CE1

Deuteranomaly
0E6FCF

Monochromacy



Original Color
266BE0

Achromatopsia
646464

Achromatomaly
4D6791

CSS Examples

Text

The CSS property to change the color of the text to Hex 266BE0 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 #266BE0 looks like.

```
.text, #text, p{  
    color:#266BE0  
}
```

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 #266BE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266BE0
}
```

Border

The CSS property to change the border of an element to Hex 266BE0 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
#266BE0 }
```

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

```
.border{ border-color:#266BE0 }
```

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

Here you see how a box with a 4 pixel #266BE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266BE0; -webkit-box-shadow:4px 4px  
4px 4px #266BE0; box-shadow:4px 4px 4px  
4px #266BE0 }
```

Background

The CSS property to change the background color of an element to Hex 266BE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266BE0 }
```

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

```
.background{ background-color:#266BE0 }
```

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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