

Converting Colors

Hex(265AE2)

Have a look what the booklet for
Hex(265AE2) contains.

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Color

Hex(265AE2)

Conversions

Conversions Part 1

Format	Color
Hex	265AE2
RGB	38, 90, 226
RGB Percent	15%, 35%, 89%
CMY	0.8510, 0.6471, 0.1137
CMYK	0.83, 0.60, 0.00, 0.11
HSL	223°, 76%, 52%
HSV	223°, 83%, 89%
XYZ	18.1830, 13.2154, 73.5440
YIQ	89.9560, -74.6480, 31.2720

Conversions

Conversions Part 2

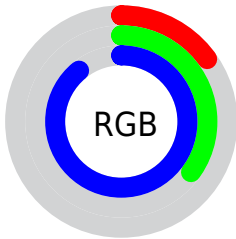
Format	Color
R _Y B	38, 79, 226
Decimal	2513634
CIE Lab	43.09, 33.42, -73.61
CIE LCh	43, 80.839, 294.420
Yxy	13.2154, 0.1733, 0.1259
Android (android.graphics.Color)	4280703714 (0xFF265AE2)
YUV	89.9560, 67.0697, -45.5654
Hunter-Lab	36.3530, 25.6641, -94.4997




Details

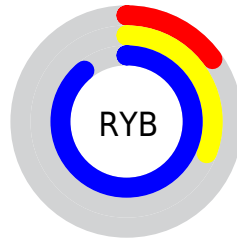
The Hex color **265AE2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E2AE26**, and the grayscale version is **595959**.




A 20% lighter version of the original color is **758CFF**, and **002EA9** is the 20% darker color. If you saturate the color by 10%, you get **0F4AE2**, and if you desaturate by 10%, it is **3D6AE2**.

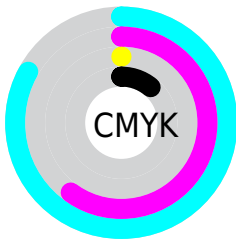
Distribution







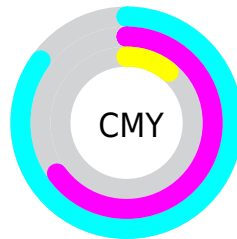
-  Red (15%)
-  Green (35%)
-  Blue (89%)






-  Red (15%)
-  Yellow (31%)
-  Blue (89%)



-  Cyan (83%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (11%)



-  Cyan (85%)
-  Magenta (65%)
-  Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 265AE2 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 265AE2 by changing the saturation by 10% instead.

■ 265AE2

■ 265AE2

FFFFFF

■ 0043C5

■ 758CFF

■ 002EA9

■ 95A6FF

■ 001B8E

■ B4C1FF

■ 000674

■ D3DDFF

■ 000A5A

■ F2F9FF

■ 000742

■ 00032B

■ 000115

■ 000000

■ 265AE2

■ 265AE2

■ 0F4AE2

■ 3D6AE2

■ 003FE2

■ 537BE2

■ 6A8BE2

■ 809BE2

■ 97ACE2

■ AEBCE2

■ C4CCE2

■ DBDDE2

■ F1EDE2

Harmonies

Analogous

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



0073EE



265AE2



A62BB5

Triad

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



265AE2



B73C00



007F57

Complementary

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



265AE2



E2AE26

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.



007B00



265AE2



875F00

Square

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



265AE2



D20034



477200



00819C

Rectangle

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



265AE2



C8008B



477200



007E3F

Sweetspot

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



265AE2



BFD1FF



26E2AD



596480



000000



808080

Same Dimension

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



265AE2



0047FF



4F26E2



656870



0031B0



000D30

Inverse Universe

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



E2265A



FF0047



B9E226



706568



B00031



30000D

Previews

White Background



This preview shows how the Hex color 265AE2 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 265AE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

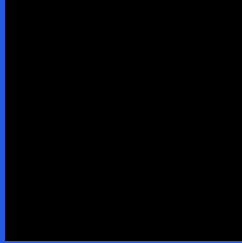
Any Text WCAG AA × Fail

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 265AE2 Background



This preview shows how black text looks on a background with the Hex color 265AE2.



This preview shows how white text looks on a background with the Hex color 265AE2.

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
265AE2

Protanomaly
0E5ED5

Deuteranomaly
0E63C3

Tritanomaly
0E689E

Monochromacy



Original Color
265AE2

Achromatopsia
5A5A5A

Achromatomaly
475A8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 265AE2 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 #265AE2 looks like.

```
.text, #text, p{  
    color:#265AE2  
}
```

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 #265AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #265AE2
}
```

Border

The CSS property to change the border of an element to Hex 265AE2 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
#265AE2 }
```

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

```
.border{ border-color:#265AE2 }
```

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

Here you see how a box with a 4 pixel #265AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #265AE2; -webkit-box-shadow:4px 4px  
4px 4px #265AE2; box-shadow:4px 4px 4px  
4px #265AE2 }
```

Background

The CSS property to change the background color of an element to Hex 265AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#265AE2 }
```

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

```
.background{ background-color:#265AE2 }
```

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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