

Converting Colors

Hex(2C6AEB)

Have a look what the booklet for
Hex(2C6AEB) contains.

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Color

Hex(2C6AEB)

Conversions

Conversions Part 1

Format	Color
Hex	2C6AEB
RGB	44, 106, 235
RGB Percent	17%, 42%, 92%
CMY	0.8275, 0.5843, 0.0784
CMYK	0.81, 0.55, 0.00, 0.08
HSL	221°, 83%, 55%
HSV	221°, 81%, 92%
XYZ	21.1881, 16.8417, 80.7313
YIQ	102.1680, -78.3610, 26.9750

Conversions

Conversions Part 2

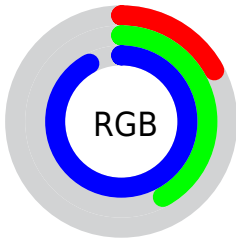
Format	Color
RYB	44, 91, 235
Decimal	2910955
CIELab	48.06, 27.05, -70.57
CIElCh	48, 75.578, 290.973
Yxy	16.8417, 0.1784, 0.1418
Android (android.graphics.Color)	4281101035 (0xFF2C6AEB)
YUV	102.1680, 65.4862, -51.0133
Hunter-Lab	41.0386, 20.3414, -87.9084

Details

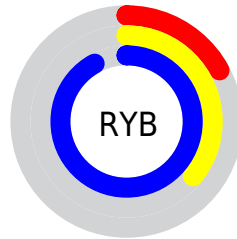
The Hex color **2C6AEB** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **EBAD2C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **799DFF**, and **003CB2** is the 20% darker color. If you saturate the color by 10%, you get **145AEB**, and if you desaturate by 10%, it is **437AEB**.

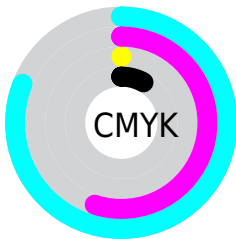
Distribution



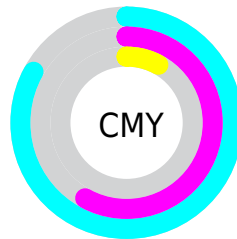
- Red (17%)
- Green (42%)
- Blue (92%)



- Red (17%)
- Yellow (36%)
- Blue (92%)



- Cyan (81%)
- Magenta (55%)
- Yellow (0%)
- Black (8%)



- Cyan (83%)
- Magenta (58%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6AEB 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 2C6AEB by changing the saturation by 10% instead.

 2C6AEB

 2C6AEB

FFFFFF

 0052CE

 799DFF

 003CB2

 99B7FF

 002897

 B8D3FF

 00167C

 D7EFFF

 000162

 F7FFFF

 000949

 000432

 00011C

 000000

■ 2C6AEB

■ 2C6AEB

■ 145AEB

■ 437AEB

■ 004CEB

■ 5B8AEB

■ 729AEB

■ 8AA9EB

■ A1B9EB

■ B9C9EB

■ D0D9EB

■ E8E9EB

■ FFF9EB

Harmonies

Analogous

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



0080F2



2C6AEB



A946C4

Triad

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



2C6AEB



C64900



008C5C

Complementary

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



2C6AEB



EBAD2C

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.



008711



2C6AEB



9B6900

Square

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



2C6AEB



DE1D49



607C00



008D9E

Rectangle

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



2C6AEB



CD279D



607C00



008B45

Sweetspot

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



2C6AEB



C2D6FF



2CEBAB



5B6780



000000



808080

Same Dimension

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



2C6AEB



0556FF



4C2CEB



6A6D75



003BB5



001136

Inverse Universe

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



EB2C6A



FF0556



CBEB2C



756A6D



B5003B



360011

Previews

White Background



This preview shows how the Hex color 2C6AEB 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 2C6AEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

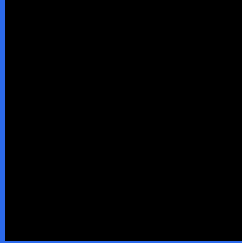
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

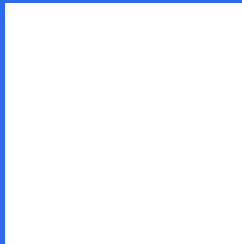
Any Text WCAG AAA × Fail

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

Hex 2C6AEB Background



This preview shows how black text looks on a background with the Hex color 2C6AEB.



This preview shows how white text looks on a background with the Hex color 2C6AEB.

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](#).

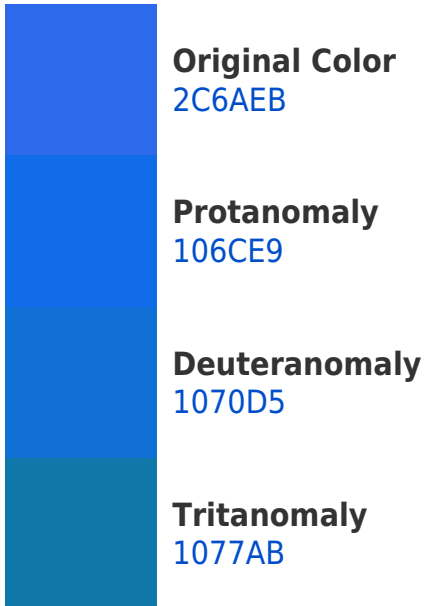
Dichromacy



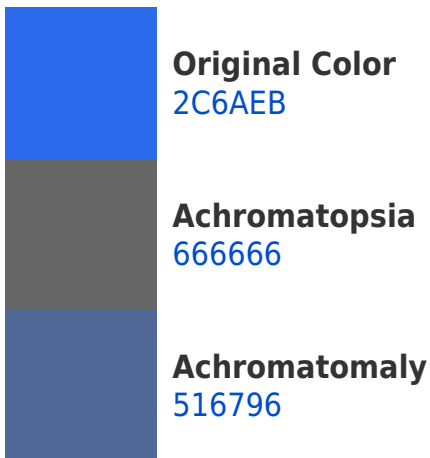


Tritanopia
007E86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6AEB 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 #2C6AEB looks like.

```
.text, #text, p{  
    color:#2C6AEB  
}
```

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 #2C6AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6AEB
}
```

Border

The CSS property to change the border of an element to Hex 2C6AEB 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
#2C6AEB }
```

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

```
.border{ border-color:#2C6AEB }
```

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

Here you see how a box with a 4 pixel #2C6AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6AEB; -webkit-box-shadow:4px 4px  
4px 4px #2C6AEB; box-shadow:4px 4px 4px  
4px #2C6AEB }
```

Background

The CSS property to change the background color of an element to Hex 2C6AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6AEB }
```

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

```
.background{ background-color:#2C6AEB }
```

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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