

Converting Colors

Hex(0282EB)

Have a look what the booklet for
Hex(0282EB) contains.

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Color

Hex(0282EB)

Conversions

Conversions Part 1

Format	Color
Hex	0282EB
RGB	2, 130, 235
RGB Percent	1%, 51%, 92%
CMY	0.9922, 0.4902, 0.0784
CMYK	0.99, 0.45, 0.00, 0.08
HSL	207°, 98%, 46%
HSV	207°, 99%, 92%
XYZ	23.0031, 21.9763, 81.6267
YIQ	103.6980, -109.9930, 5.5190

Conversions

Conversions Part 2

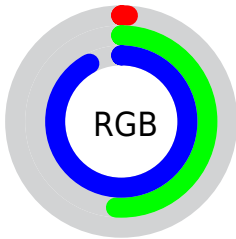
Format	Color
R_{YB}	2, 85, 235
Decimal	164587
CIE _{Lab}	54.00, 9.86, -60.99
CIE _{LCh}	54, 61.785, 279.182
Yxy	21.9763, 0.1817, 0.1736
Android (android.graphics.Color)	4278354667 (0xFF0282EB)
YUV	103.6980, 64.7319, -89.1891
Hunter-Lab	46.8789, 5.5502, -70.4220

Details

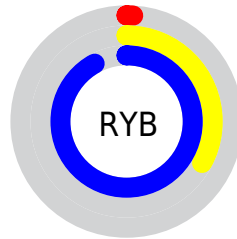
The Hex color **0282EB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **EB6B02**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6BB6FF**, and **0052B2** is the 20% darker color. If you saturate the color by 10%, you get **0081EB**, and if you desaturate by 10%, it is **198DEB**.

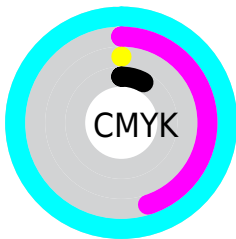
Distribution



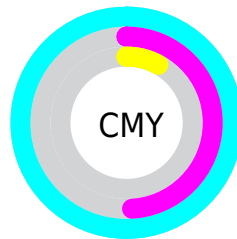
- Red (1%)
- Green (51%)
- Blue (92%)



- Red (1%)
- Yellow (33%)
- Blue (92%)



- Cyan (99%)
- Magenta (45%)
- Yellow (0%)
- Black (8%)




- Cyan (99%)
- Magenta (49%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0282EB 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 0282EB by changing the saturation by 10% instead.

 0282EB

 0282EB

FFFFFF

 0069CE

 6BB6FF

 0052B2

 8CD2FF

 003C97

 ACEEFF

 00277D

 CCFFFF

 001463

 EBFFFF

 00094A

 000433

 00021D

 000000

■ 0282EB

■ 0282EB

■ 0081EB

■ 198DEB

■ 3197EB

■ 49A2EB

■ 60ACEB

■ 78B7EB

■ 8FC2EB

■ A6CCEB

■ BED7EB

■ D6E1EB

Harmonies

Analogous

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



0091E5



0282EB



986BD4

Triad

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



0282EB



D75940



009759

Complementary

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



0282EB



EB6B02

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.



519025



0282EB



B87111

Square

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



0282EB



E04A73



8C8400



009A91

Rectangle

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



0282EB



BF5AB9



8C8400



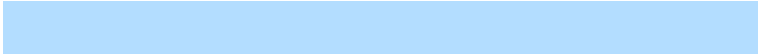
009647

Sweetspot

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



0282EB



B3DDFF



02EB6B



526B80



000000



808080

Same Dimension

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



0282EB



008CFF



020EEB



6A7075



0063B5



001D36

Inverse Universe

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



EB0282



FF008C



EBDF02



756A70



B50063



36001D

Previews

White Background



This preview shows how the Hex color 0282EB looks on a white background.

Color Contrast Check

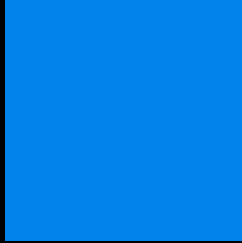
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0282EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

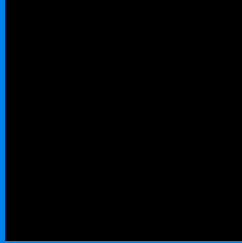
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

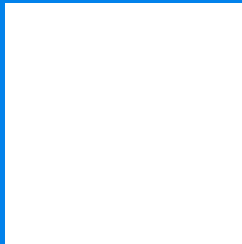
Any Text WCAG AAA × Fail

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

Hex 0282EB Background



This preview shows how black text looks on a background with the Hex color 0282EB.



This preview shows how white text looks on a background with the Hex color 0282EB.

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
008F98

Trichromacy



Original Color
0282EB

Protanomaly
327FE8

Deuteranomaly
0183E8

Tritanomaly
018AB6

Monochromacy



Original Color
0282EB

Achromatopsia
686868

Achromatomaly
437198

CSS Examples

Text

The CSS property to change the color of the text to Hex 0282EB 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 #0282EB looks like.

```
.text, #text, p{  
    color:#0282EB  
}
```

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 #0282EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0282EB
}
```

Border

The CSS property to change the border of an element to Hex 0282EB 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
#0282EB }
```

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

```
.border{ border-color:#0282EB }
```

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

Here you see how a box with a 4 pixel #0282EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0282EB; -webkit-box-shadow:4px 4px  
4px 4px #0282EB; box-shadow:4px 4px 4px  
4px #0282EB }
```

Background

The CSS property to change the background color of an element to Hex 0282EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0282EB }
```

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

```
.background{ background-color:#0282EB }
```

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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