

Converting Colors

Hex(0082E1)

Have a look what the booklet for
Hex(0082E1) contains.

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Color

Hex(0082E1)

Conversions

Conversions Part 1

Format	Color
Hex	0082E1
RGB	0, 130, 225
RGB Percent	0%, 51%, 88%
CMY	1.0000, 0.4902, 0.1176
CMYK	1.00, 0.42, 0.00, 0.12
HSL	205°, 100%, 44%
HSV	205°, 100%, 88%
XYZ	21.5732, 21.4015, 74.2280
YIQ	101.9600, -107.9750, 1.9850

Conversions

Conversions Part 2

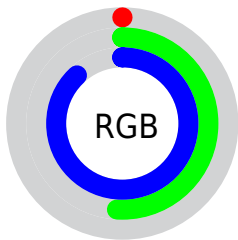
Format	Color
R _Y B	0, 82, 225
Decimal	33505
CIE Lab	53.39, 5.92, -56.39
CIE LCh	53, 56.700, 275.992
Yxy	21.4015, 0.1841, 0.1826
Android (android.graphics.Color)	4278223585 (0xFF0082E1)
YUV	101.9600, 60.6587, -89.4189
Hunter-Lab	46.2618, 2.2818, -62.7489

Details

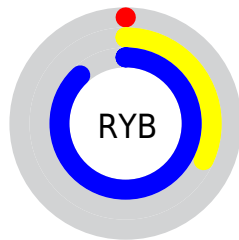
The Hex color **0082E1** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **E15F00**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **68B6FF**, and **0052A9** is the 20% darker color. If you saturate the color by 10%, you get **0082E1**, and if you desaturate by 10%, it is **168BE1**.

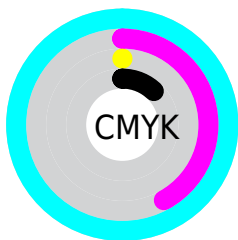
Distribution



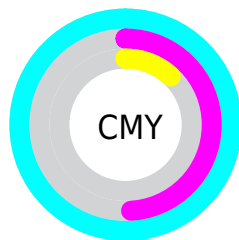
- Red (0%)
- Green (51%)
- Blue (88%)



- Red (0%)
- Yellow (32%)
- Blue (88%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (49%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0082E1 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 0082E1 by changing the saturation by 10% instead.

0082E1

0082E1

FFFFFF

0069C5

68B6FF

0052A9

89D2FF

003B8E

A9EEFF

002774

C8FFFF

00125B

E7FFFF

000742

00032B

000116

000000

■ 0082E1

■ 168BE1

■ 2D95E1

■ 449EE1

■ 5AA8E1

■ 71B1E1

■ 87BBE1

■ 9DC4E1

■ B4CEE1

■ CBD7E1

Harmonies

Analogous

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



008FD8



0082E1



8D6ECF

Triad

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



0082E1



D15A49



009456

Complementary

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



0082E1



E15F00

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.



5C8D29



0082E1



B76E21

Square

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



0082E1



D74F78



8F800B



009788

Rectangle

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



0082E1



B45FB7



8F800B



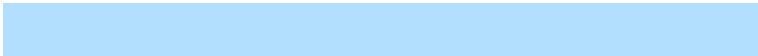
269246

Sweetspot

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



0082E1



B3DFFF



00E15E



526C80



000000



808080

Same Dimension

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



0082E1



0093FF



0013E1



656B70



0066B0



001C30

Inverse Universe

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



E10082



FF0093



E1CE00



70656B



B00066



30001C

Previews

White Background



This preview shows how the Hex color 0082E1 looks on a white background.

Color Contrast Check

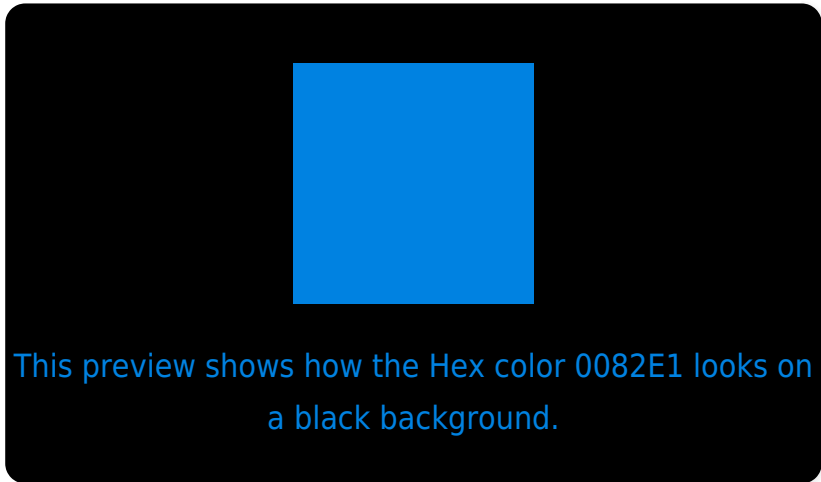
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

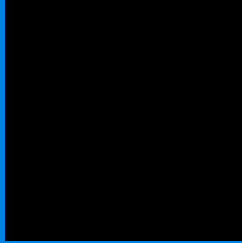
Any Text WCAG AA ✓ Pass

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 0082E1 Background



This preview shows how black text looks on a background with the Hex color 0082E1.

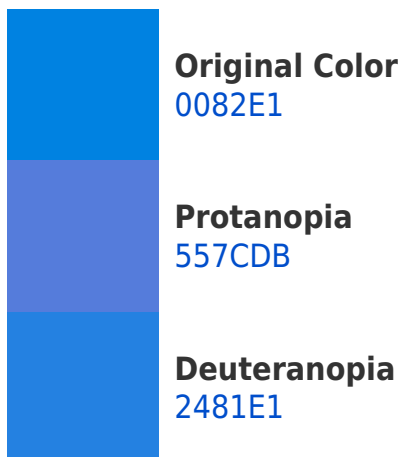


This preview shows how white text looks on a background with the Hex color 0082E1.

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](#).

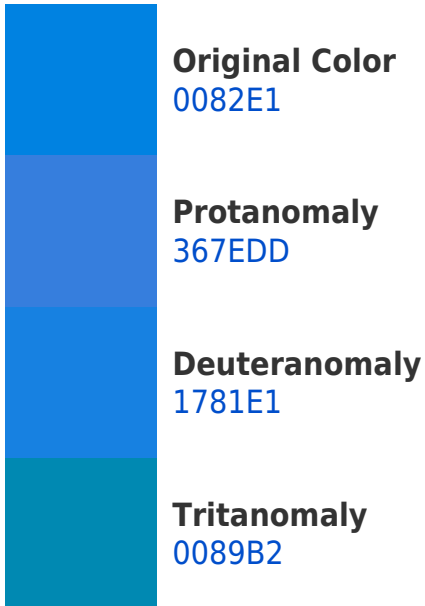
Dichromacy





Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0082E1 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 #0082E1 looks like.

```
.text, #text, p{  
    color:#0082E1  
}
```

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 #0082E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0082E1
}
```

Border

The CSS property to change the border of an element to Hex 0082E1 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
#0082E1 }
```

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

```
.border{ border-color:#0082E1 }
```

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

Here you see how a box with a 4 pixel #0082E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0082E1; -webkit-box-shadow:4px 4px  
4px 4px #0082E1; box-shadow:4px 4px 4px  
4px #0082E1 }
```

Background

The CSS property to change the background color of an element to Hex 0082E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0082E1 }
```

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

```
.background{ background-color:#0082E1 }
```

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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