

# Converting Colors

Hex(20A6ED)

Have a look what the booklet for  
Hex(20A6ED) contains.

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# **Color**

**Hex(20A6ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20A6ED
RGB	32, 166, 237
RGB Percent	13%, 65%, 93%
CMY	0.8745, 0.3490, 0.0706
CMYK	0.86, 0.30, 0.00, 0.07
HSL	201°, 85%, 53%
HSV	201°, 86%, 93%
XYZ	29.5179, 33.6939, 85.0686
YIQ	134.0280, -102.6550, -6.3270

# Conversions

## Conversions Part 2

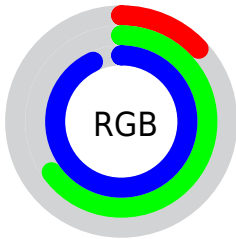
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 113, 237
Decimal	2139885
CIELab	64.72, -9.33, -45.03
CIELCh	65, 45.990, 258.299
Yxy	33.6939, 0.1991, 0.2272
Android (android.graphics.Color)	4280329965 (0xFF20A6ED)
YUV	134.0280, 50.7652, -89.4786
Hunter-Lab	58.0465, -10.8101, -46.2585

# Details

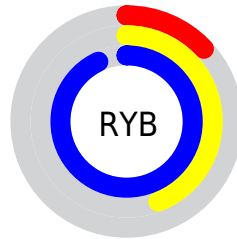
The Hex color **20A6ED** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **ED6720**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **73DDFF**, and **0072B5** is the 20% darker color. If you saturate the color by 10%, you get **089EED**, and if you desaturate by 10%, it is **38AEED**.

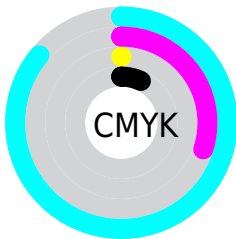
# Distribution



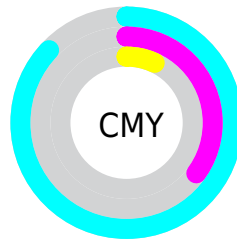
- Red (13%)
- Green (65%)
- Blue (93%)



- Red (13%)
- Yellow (44%)
- Blue (93%)



- Cyan (86%)
- Magenta (30%)
- Yellow (0%)
- Black (7%)



- Cyan (87%)
- Magenta (35%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20A6ED 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 20A6ED by changing the saturation by 10% instead.



 20A6ED

 20A6ED

FFFFFF

 008CD1

 73DDFF

 0072B5

 94F9FF

 005A9A

 B4FFFF

 00437F

 D3FFFF

 002D66

 F2FFFF

 001A4D

 000536

 000220

 000004

■ 20A6ED

■ 20A6ED

■ 089EED

■ 38AEED

■ 009BED

■ 4FB6ED

■ 67BFED

■ 7FC7ED

■ 97CFED

■ AED7ED

■ C6DFED

■ DEE8ED

■ F5F0ED

# Harmonies

## Analogous

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



00AFD9



20A6ED



8698EB

# Triad

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



20A6ED



EB7C85



6EAC64

# Complementary

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



20A6ED



ED6720

# 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.



9DA24C



20A6ED



DF8661

# Square

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



20A6ED



E17DAF



C4954B



25B18B

# Rectangle

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



20A6ED



AF8EDE



C4954B



7FA95A

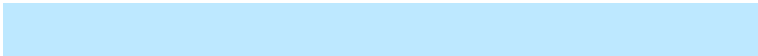


# Sweetspot

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



20A6ED



BDE8FF



20ED64



587280



000000



808080



# Same Dimension

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



20A6ED



00A7FF



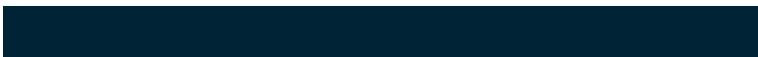
2042ED



6A7175



0076B5



002336



# Inverse Universe

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



ED20A6



FF00A7



EDCB20



756A71



B50076

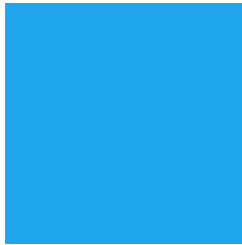


360023



# Previews

## White Background



This preview shows how the Hex color 20A6ED looks on a white background.

## Color Contrast Check

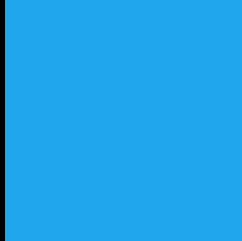
Large Text (above 18pt) WCAG AA × Fail

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 20A6ED 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 ✓ Pass

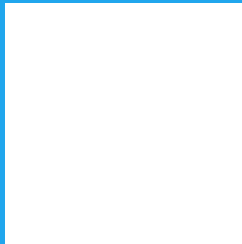
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 20A6ED Background



This preview shows how black text looks on a background with the Hex color 20A6ED.

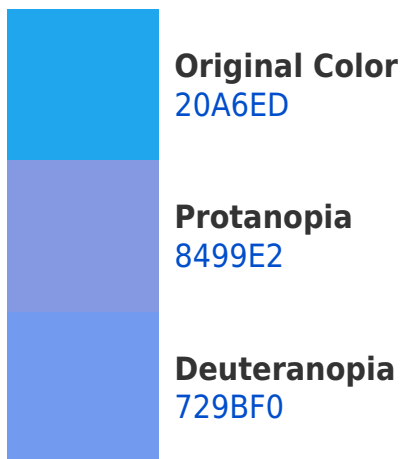


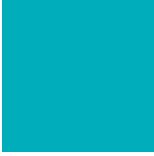
This preview shows how white text looks on a background with the Hex color 20A6ED.

# Color Blindness Simulation

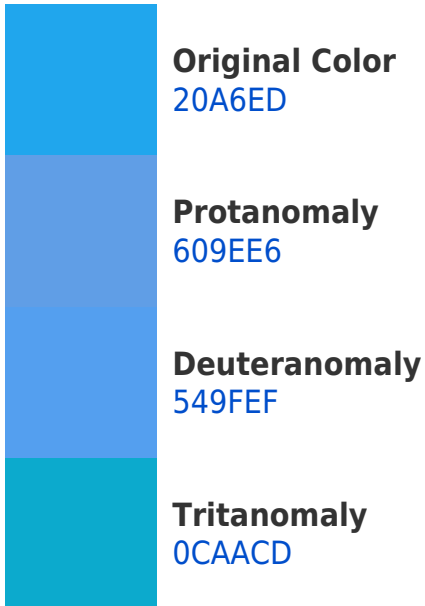
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

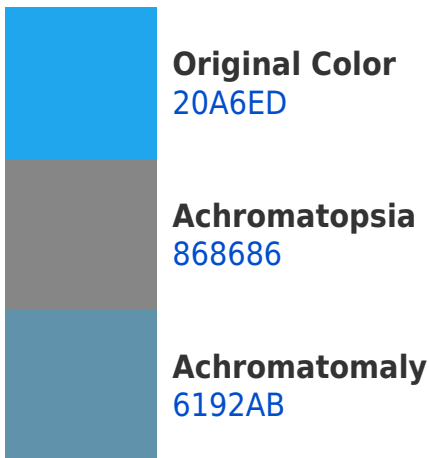




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20A6ED 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 #20A6ED looks like.

```
.text, #text, p{  
    color:#20A6ED  
}
```

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 #20A6ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20A6ED
}
```

## Border

The CSS property to change the border of an element to Hex 20A6ED 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
#20A6ED }
```

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

```
.border{ border-color:#20A6ED }
```

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

Here you see how a box with a 4 pixel #20A6ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20A6ED; -webkit-box-shadow:4px 4px  
4px 4px #20A6ED; box-shadow:4px 4px 4px  
4px #20A6ED }
```

# Background

The CSS property to change the background color of an element to Hex 20A6ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20A6ED }
```

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

```
.background{ background-color:#20A6ED }
```

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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