

Converting Colors

Hex(20A1EA)

Have a look what the booklet for
Hex(20A1EA) contains.

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Color

Hex(20A1EA)

Conversions

Conversions Part 1

Format	Color
Hex	20A1EA
RGB	32, 161, 234
RGB Percent	13%, 63%, 92%
CMY	0.8745, 0.3686, 0.0824
CMYK	0.86, 0.31, 0.00, 0.08
HSL	202°, 83%, 52%
HSV	202°, 86%, 92%
XYZ	28.1918, 31.7373, 82.4820
YIQ	130.7510, -100.3170, -4.6450

Conversions

Conversions Part 2

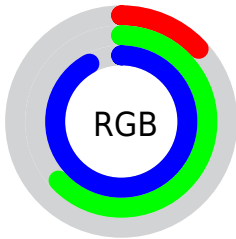
Format	Color
R _Y B	32, 111, 234
Decimal	2138602
CIE Lab	63.13, -7.61, -45.90
CIE LCh	63, 46.521, 260.590
Yxy	31.7373, 0.1980, 0.2229
Android (android.graphics.Color)	4280328682 (0xFF20A1EA)
YUV	130.7510, 50.9018, -86.6046
Hunter-Lab	56.3359, -9.2622, -47.3720

Details

The Hex color **20A1EA** 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 **EA6920**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **73D8FF**, and **006EB2** is the 20% darker color. If you saturate the color by 10%, you get **0999EA**, and if you desaturate by 10%, it is **37A9EA**.

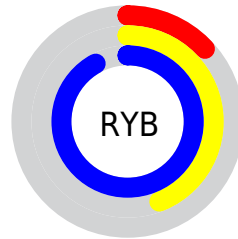
Distribution



Red (13%)

Green (63%)

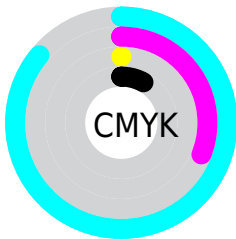
Blue (92%)



Red (13%)

Yellow (44%)

Blue (92%)

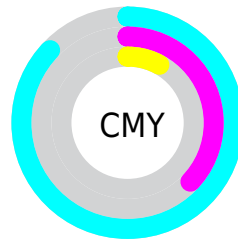


Cyan (86%)

Magenta (31%)

Yellow (0%)

Black (8%)



Cyan (87%)

Magenta (37%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20A1EA 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 20A1EA by changing the saturation by 10% instead.

■ 20A1EA

■ 20A1EA

FFFFFF

■ 0087CE

■ 73D8FF

■ 006EB2

■ 93F4FF

■ 005697

■ B3FFFF

■ 003F7D

■ D2FFFF

■ 002963

■ F1FFFF

■ 00164B

■ 000433

■ 00021D

■ 000000

■ 20A1EA

■ 20A1EA

■ 0999EA

■ 37A9EA

■ 0095EA

■ 4FB2EA

■ 66BAEA

■ 7EC3EA

■ 95CBEA

■ ACD4EA

■ C4DCEA

■ DBE5EA

■ F3EDEA

Harmonies

Analogous

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



00AAD8



20A1EA



8793E6

Triad

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



20A1EA



E7777E



65A862

Complementary

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



20A1EA



EA6920

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.



959F48



20A1EA



D9835A

Square

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



20A1EA



DF77A8



BD9245



02AD8A

Rectangle

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



20A1EA



AF88D8



BD9245



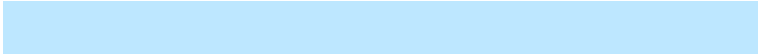
76A658

Sweetspot

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



20A1EA



BDE7FF



20EA67



587180



000000



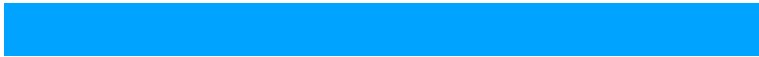
808080

Same Dimension

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



20A1EA



00A3FF



203EEA



6A7175



0074B5



002236

Inverse Universe

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



EA20A1



FF00A3



EACC20



756A71



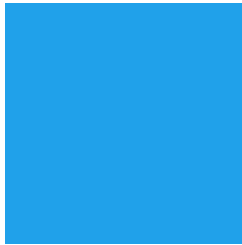
B50074



360022

Previews

White Background



This preview shows how the Hex color 20A1EA looks on a white background.

Color Contrast Check

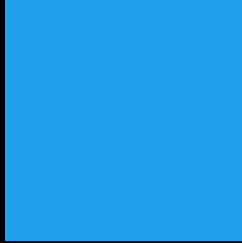
Large Text (above 18pt) WCAG AA × Fail

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 20A1EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

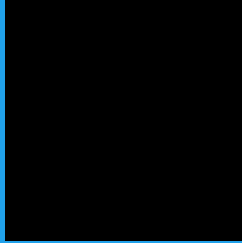
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

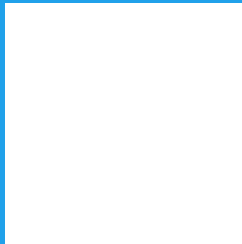
Any Text WCAG AAA ✓ Pass

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

Hex 20A1EA Background



This preview shows how black text looks on a background with the Hex color 20A1EA.



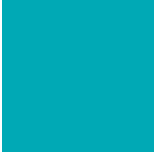
This preview shows how white text looks on a background with the Hex color 20A1EA.

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](#).

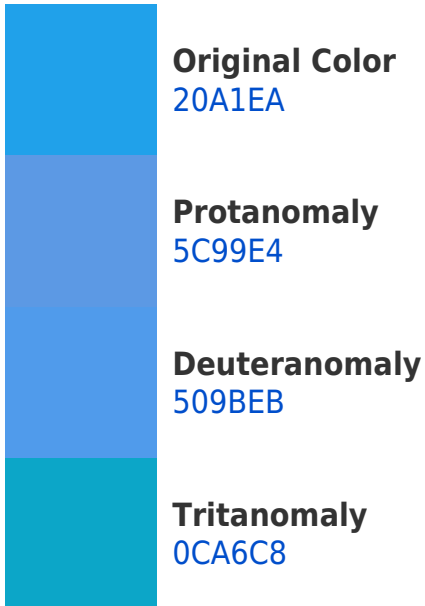
Dichromacy





Tritanopia
00A9B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 20A1EA 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 #20A1EA looks like.

```
.text, #text, p{  
    color:#20A1EA  
}
```

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 #20A1EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20A1EA
}
```

Border

The CSS property to change the border of an element to Hex 20A1EA 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
#20A1EA }
```

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

```
.border{ border-color:#20A1EA }
```

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

Here you see how a box with a 4 pixel #20A1EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20A1EA; -webkit-box-shadow:4px 4px  
4px 4px #20A1EA; box-shadow:4px 4px 4px  
4px #20A1EA }
```

Background

The CSS property to change the background color of an element to Hex 20A1EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20A1EA }
```

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

```
.background{ background-color:#20A1EA }
```

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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