

Converting Colors

Hex(02E1A2)

Have a look what the booklet for
Hex(02E1A2) contains.

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Color

Hex(02E1A2)

Conversions

Conversions Part 1

Format	Color
Hex	02E1A2
RGB	2, 225, 162
RGB Percent	1%, 88%, 64%
CMY	0.9922, 0.1176, 0.3647
CMYK	0.99, 0.00, 0.28, 0.12
HSL	163°, 98%, 45%
HSV	163°, 99%, 88%
XYZ	33.4718, 56.4720, 43.3185
YIQ	151.1410, -112.6850, -66.8690

Conversions

Conversions Part 2

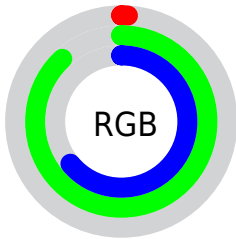
Format	Color
R_{YB}	2, 132, 225
Decimal	188834
CIE _{Lab}	79.88, -60.19, 18.22
CIE _{LCh}	80, 62.891, 163.162
Yxy	56.4720, 0.2512, 0.4238
Android (android.graphics.Color)	4278378914 (0xFF02E1A2)
YUV	151.1410, 5.3535, -130.7967
Hunter-Lab	75.1478, -52.0025, 18.4262

Details

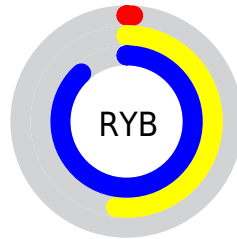
The Hex color **02E1A2** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E10241**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6CFFD9**, and **00A86E** is the 20% darker color. If you saturate the color by 10%, you get **00E1A1**, and if you desaturate by 10%, it is **18E1A8**.

Distribution



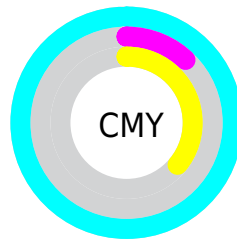
- Red (1%)
- Green (88%)
- Blue (64%)



- Red (1%)
- Yellow (52%)
- Blue (88%)



- Cyan (99%)
- Magenta (0%)
- Yellow (28%)
- Black (12%)



- Cyan (99%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02E1A2 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 02E1A2 by changing the saturation by 10% instead.

 02E1A2

 02E1A2

FFFFFF

 00C488

 6CFFD9

 00A86E

 8DFFF6

 008D56

 ADFFFF

 00723E

 CDFFFF

 005828

 ECFFFF

 003F12

 002800

 000000

 02E1A2

 02E1A2

■ 00E1A1

■ 18E1A8

■ 2FE1AF

■ 46E1B5

■ 5CE1BB

■ 72E1C2

■ 89E1C8

■ A0E1CE

■ B6E1D5

■ CCE1DB

Harmonies

Analogous

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



8DD96C



02E1A2



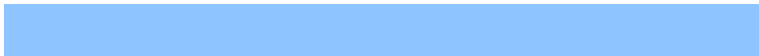
00E3DF

Triad

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



02E1A2



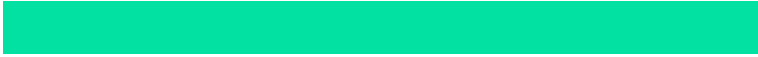
8EC4FF



FFA178

Complementary

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



02E1A2



E10241

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.



FF93AE



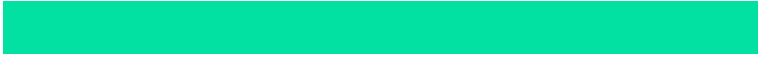
02E1A2



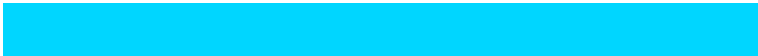
EBACFF

Square

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



02E1A2



00D6FF



FF98EA



FFB753

Rectangle

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



02E1A2



00E2FF



FF98EA



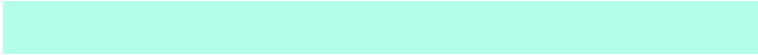
FF9B89

Sweetspot

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



02E1A2



B3FFE9



41E102



528073



000000



808080

Same Dimension

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



02E1A2



00FFB7



02B1E1



65706D



00B07E



003023

Inverse Universe

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



E10241



FF0048



E13202



706568



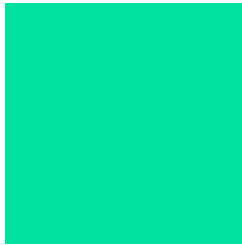
B00032



30000E

Previews

White Background



This preview shows how the Hex color 02E1A2 looks on a white background.

Color Contrast Check

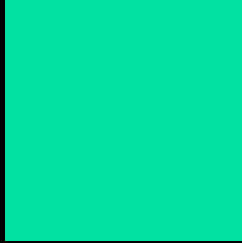
Large Text (above 18pt) WCAG AA × Fail

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 02E1A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

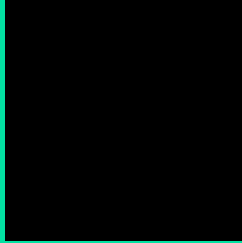
Any Text WCAG AA ✓ Pass

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 02E1A2 Background



This preview shows how black text looks on a background with the Hex color 02E1A2.

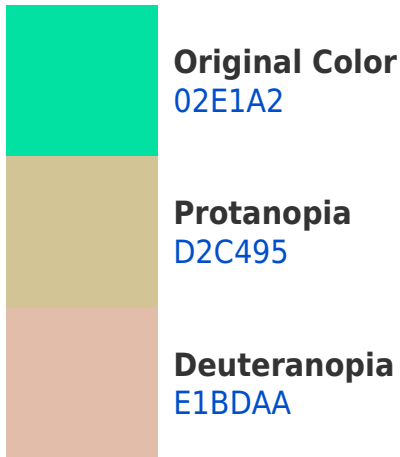


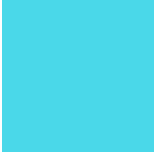
This preview shows how white text looks on a background with the Hex color 02E1A2.

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
4AD8E9

Trichromacy



Original Color
02E1A2



Protanomaly
86CF9A



Deuteranomaly
90CAA7



Tritanomaly
30DBCF

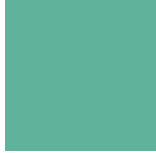
Monochromacy



Original Color
02E1A2



Achromatopsia
979797



Achromatomaly
61B29B

CSS Examples

Text

The CSS property to change the color of the text to Hex 02E1A2 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 #02E1A2 looks like.

```
.text, #text, p{  
    color:#02E1A2  
}
```

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 #02E1A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02E1A2
}
```

Border

The CSS property to change the border of an element to Hex 02E1A2 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
#02E1A2 }
```

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

```
.border{ border-color:#02E1A2 }
```

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

Here you see how a box with a 4 pixel #02E1A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02E1A2; -webkit-box-shadow:4px 4px  
4px 4px #02E1A2; box-shadow:4px 4px 4px  
4px #02E1A2 }
```

Background

The CSS property to change the background color of an element to Hex 02E1A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02E1A2 }
```

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

```
.background{ background-color:#02E1A2 }
```

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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