

Converting Colors

Hex(1EA3A5)

Have a look what the booklet for
Hex(1EA3A5) contains.

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Color

Hex(1EA3A5)

Conversions

Conversions Part 1

Format	Color
Hex	1EA3A5
RGB	30, 163, 165
RGB Percent	12%, 64%, 65%
CMY	0.8824, 0.3608, 0.3529
CMYK	0.82, 0.01, 0.00, 0.35
HSL	181°, 69%, 38%
HSV	181°, 82%, 65%
XYZ	20.4241, 29.1870, 40.1545
YIQ	123.4610, -79.9100, -27.5740

Conversions

Conversions Part 2

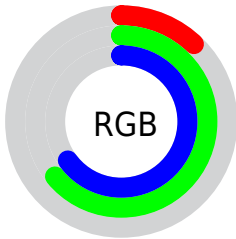
Format	Color
RYB	30, 97, 165
Decimal	2007973
CIELab	60.95, -32.18, -10.76
CIElCh	61, 33.933, 198.483
Yxy	29.1870, 0.2275, 0.3251
Android (android.graphics.Color)	4280198053 (0xFF1EA3A5)
YUV	123.4610, 20.4787, -81.9653
Hunter-Lab	54.0250, -27.0619, -6.2502

Details

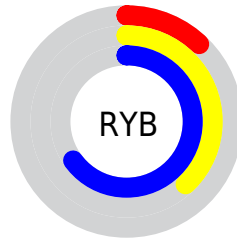
The Hex color **1EA3A5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A5201E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **67DADC**, and **006F71** is the 20% darker color. If you saturate the color by 10%, you get **0EA3A5**, and if you desaturate by 10%, it is **2FA3A5**.

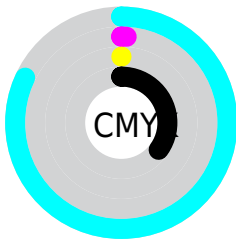
Distribution



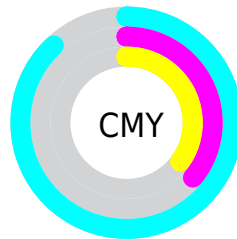
- Red (12%)
- Green (64%)
- Blue (65%)



- Red (12%)
- Yellow (38%)
- Blue (65%)



- Cyan (82%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (88%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EA3A5 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 1EA3A5 by changing the saturation by 10% instead.

 1EA3A5

 1EA3A5

FFFFFF

 00888B

 67DADC

 006F71

 85F7F8

 005659

 A3FFFF

 003E41

 C0FFFF

 00282B

 DEFFFF

 000818

FDFFFF

 000000

 1EA3A5

 1EA3A5

 0EA3A5

 2FA3A5

00A3A5

3FA3A5

50A4A5

60A4A5

71A4A5

81A4A5

92A5A5

A2A5A5

B2A5A5

Harmonies

Analogous

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



4BA286



1EA3A5



1CA0BF

Triad

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



1EA3A5



AD85BB



B18D58

Complementary

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



1EA3A5



A5201E

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.



C68367



1EA3A5



C67DA0

Square

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



1EA3A5



8690CC



CE7C82



949759

Rectangle

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



1EA3A5



419CCA



CE7C82



B98A5C

Sweetspot

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



1EA3A5



A1D5D6



1EA51E



4B6B6B



EBEBEB



6B6B6B

Same Dimension

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



1EA3A5



04D3D6



1E62A5



495152



008F91



001212

Inverse Universe

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



A51EA3



D604D3



A5621E



524951



91008F



120012

Previews

White Background



This preview shows how the Hex color 1EA3A5 looks on a white background.

Color Contrast Check

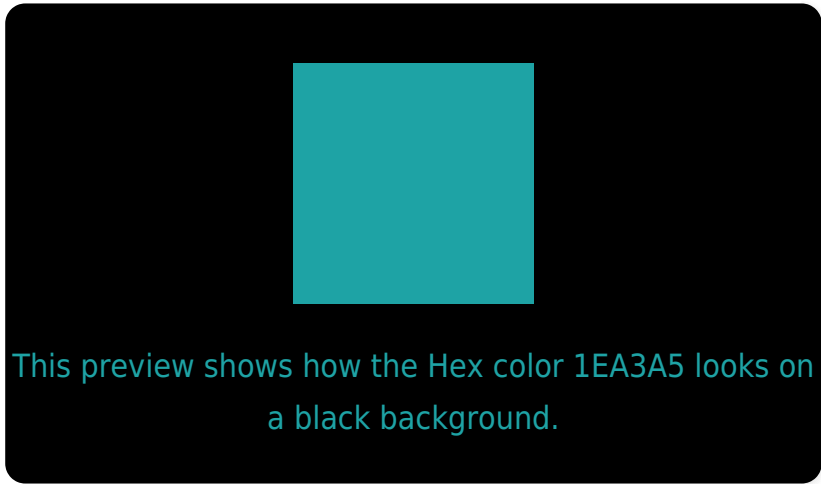
Large Text (above 18pt) WCAG AA ✓ Pass

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

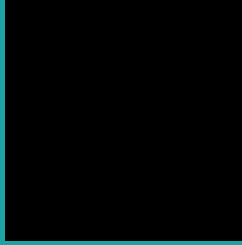
Any Text WCAG AA ✓ Pass

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 1EA3A5 Background



This preview shows how black text looks on a background with the Hex color 1EA3A5.



This preview shows how white text looks on a background with the Hex color 1EA3A5.

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
27A2AF

Trichromacy



Original Color
1EA3A5



Protanomaly
68989E



Deuteranomaly
6A96A8



Tritanomaly
24A2AB

Monochromacy



Original Color
1EA3A5



Achromatopsia
7B7B7B



Achromatomaly
598A8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EA3A5 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 #1EA3A5 looks like.

```
.text, #text, p{  
    color:#1EA3A5  
}
```

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 #1EA3A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EA3A5  
}
```

Border

The CSS property to change the border of an element to Hex 1EA3A5 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  
#1EA3A5 }
```

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

```
.border{ border-color:#1EA3A5 }
```

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

Here you see how a box with a 4 pixel #1EA3A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EA3A5; -webkit-box-shadow:4px 4px  
4px 4px #1EA3A5; box-shadow:4px 4px 4px  
4px #1EA3A5 }
```

Background

The CSS property to change the background color of an element to Hex 1EA3A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EA3A5 }
```

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

```
.background{ background-color:#1EA3A5 }
```

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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