

Converting Colors

Hex(169EA5)

Have a look what the booklet for
Hex(169EA5) contains.

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Color

Hex(169EA5)

Conversions

Conversions Part 1

Format	Color
Hex	169EA5
RGB	22, 158, 165
RGB Percent	9%, 62%, 65%
CMY	0.9137, 0.3804, 0.3529
CMYK	0.87, 0.04, 0.00, 0.35
HSL	183°, 76%, 37%
HSV	183°, 87%, 65%
XYZ	19.3493, 27.3409, 39.8548
YIQ	118.1340, -83.3030, -26.6550

Conversions

Conversions Part 2

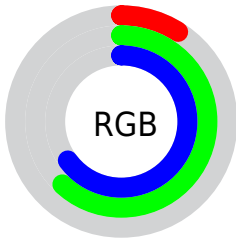
Format	Color
R _Y B	22, 92, 165
Decimal	1482405
CIE Lab	59.29, -30.39, -13.26
CIE LCh	59, 33.152, 203.573
Yxy	27.3409, 0.2236, 0.3159
Android (android.graphics.Color)	4279672485 (0xFF169EA5)
YUV	118.1340, 23.1049, -84.3095
Hunter-Lab	52.2885, -25.4514, -8.5894

Details

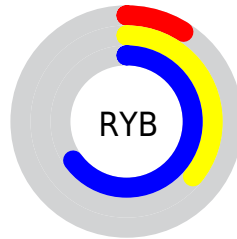
The Hex color **169EA5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A51D16**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **63D5DC**, and **006A71** is the 20% darker color. If you saturate the color by 10%, you get **069DA5**, and if you desaturate by 10%, it is **279FA5**.

Distribution



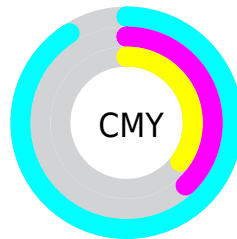
- Red (9%)
- Green (62%)
- Blue (65%)



- Red (9%)
- Yellow (36%)
- Blue (65%)



- Cyan (87%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (91%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 169EA5 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 169EA5 by changing the saturation by 10% instead.

 169EA5

 169EA5

FFFFFF

 00848B

 63D5DC

 006A71

 81F2F8

 005159

 9FFFFFFF

 003A41

 BDBFFF

 00252B

 DBFFF

 000118

 F9FFF

 000000

 169EA5

 169EA5

 069DA5

 279FA5

■ 009DA5

■ 37A0A5

■ 48A0A5

■ 58A1A5

■ 69A2A5

■ 79A3A5

■ 8AA4A5

■ 9AA4A5

■ ABA5A5

Harmonies

Analogous

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



429E87



169EA5



249BBD

Triad

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



169EA5



AD7FB2



A88B55

Complementary

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



169EA5



A51D16

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.



BD8161



169EA5



C37996

Square

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



169EA5



898AC4



C77979



8A9458

Rectangle

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



169EA5



4896C6



C77979



B08757

Sweetspot

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



169EA5



9FD3D6



16A51B



4A696B



EBEBEB



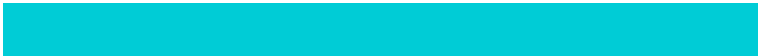
6B6B6B

Same Dimension

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



169EA5



00CCD6



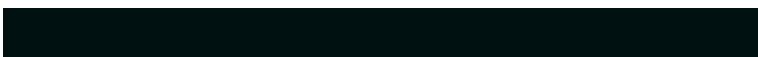
1659A5



495152



008A91



001112

Inverse Universe

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



A5169E



D600CC



A56216



524951



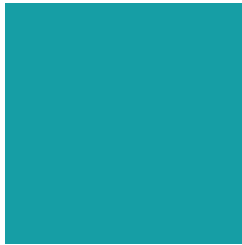
91008A



120011

Previews

White Background



This preview shows how the Hex color 169EA5 looks on a white background.

Color Contrast Check

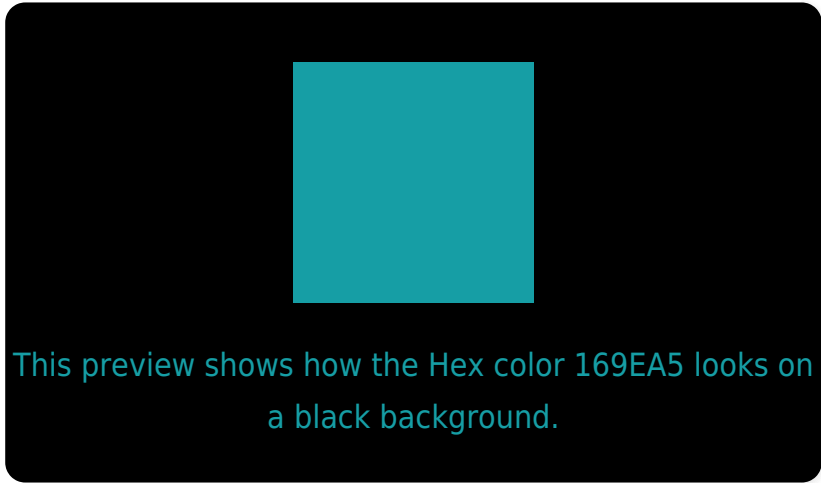
Large Text (above 18pt) WCAG AA ✓ Pass

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

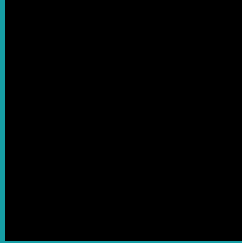
Any Text WCAG AA ✓ Pass

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 169EA5 Background



This preview shows how black text looks on a background with the Hex color 169EA5.

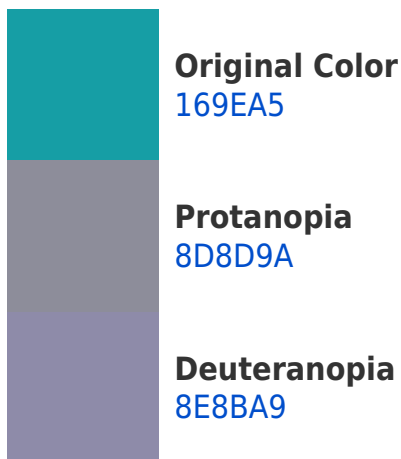


This preview shows how white text looks on a background with the Hex color 169EA5.

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
1D9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 169EA5 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 #169EA5 looks like.

```
.text, #text, p{  
    color:#169EA5  
}
```

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 #169EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #169EA5
}
```

Border

The CSS property to change the border of an element to Hex 169EA5 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
#169EA5 }
```

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

```
.border{ border-color:#169EA5 }
```

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

Here you see how a box with a 4 pixel #169EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #169EA5; -webkit-box-shadow:4px 4px  
4px 4px #169EA5; box-shadow:4px 4px 4px  
4px #169EA5 }
```

Background

The CSS property to change the background color of an element to Hex 169EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#169EA5 }
```

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

```
.background{ background-color:#169EA5 }
```

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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