

Converting Colors

Hex(08AFA5)

Have a look what the booklet for
Hex(08AFA5) contains.

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Color

Hex(08AFA5)

Conversions

Conversions Part 1

Format	Color
Hex	08AFA5
RGB	8, 175, 165
RGB Percent	3%, 69%, 65%
CMY	0.9686, 0.3137, 0.3529
CMYK	0.95, 0.00, 0.06, 0.31
HSL	176°, 91%, 36%
HSV	176°, 95%, 69%
XYZ	22.2216, 33.4282, 40.8784
YIQ	123.9270, -96.3220, -38.5140

Conversions

Conversions Part 2

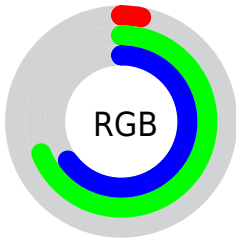
Format	Color
RYB	8, 94, 175
Decimal	569253
CIELab	64.51, -38.99, -5.48
CIELCh	65, 39.369, 187.997
Yxy	33.4282, 0.2302, 0.3463
Android (android.graphics.Color)	4278759333 (0xFF08AFA5)
YUV	123.9270, 20.2490, -101.6680
Hunter-Lab	57.8171, -32.5746, -1.4478

Details

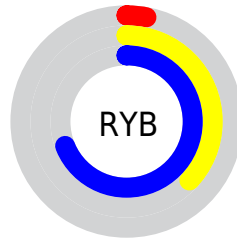
The Hex color **08AFA5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AF0812**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **62E7DC**, and **007A71** is the 20% darker color. If you saturate the color by 10%, you get **00AFA5**, and if you desaturate by 10%, it is **19AFA6**.

Distribution



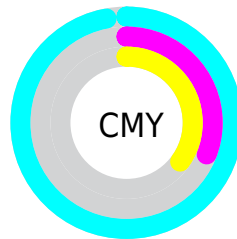
- Red (3%)
- Green (69%)
- Blue (65%)



- Red (3%)
- Yellow (37%)
- Blue (69%)



- Cyan (95%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (97%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08AFA5 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 08AFA5 by changing the saturation by 10% instead.

08AFA5

08AFA5

FFFFFF

00948B

62E7DC

007A71

81FFF8

006059

A0FFFF

004842

BEFFFF

00302C

DDEFFF

001917

FBEFFF

000000

08AFA5

08AFA5

00AFA5

19AFA6

 2BAFA7

 3CAFA8

 4EAFA9

 60AFAA

 71AFAB

 83AFAC

 94AFAD

 A6AFAE

Harmonies

Analogous

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



57AD81



08AFA5



00ADC7

Triad

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



08AFA5



AC90D4



C8915C

Complementary

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



08AFA5



AF0812

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.



DC8673



08AFA5



D084B8

Square

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



08AFA5



779DE2



E08094



AA9D55

Rectangle

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



08AFA5



00AAD7



E08094



D08D62

Sweetspot

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



08AFA5



A1E3DF



13AF08



4B7370



F2F2F2



737373

Same Dimension

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



08AFA5



00E3D5



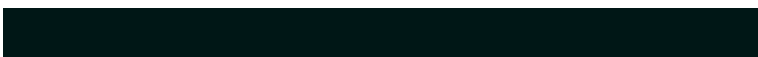
0867AF



4E5756



00968D



001716

Inverse Universe

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



AF0812



E3000E



AF5008



574E4F



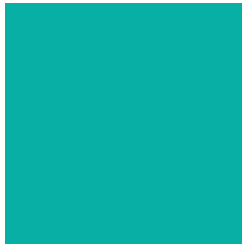
960009



170001

Previews

White Background



This preview shows how the Hex color 08AFA5 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 08AFA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

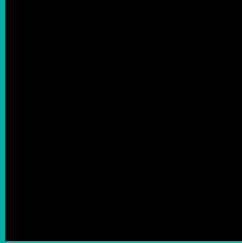
Any Text WCAG AA ✓ Pass

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 08AFA5 Background



This preview shows how black text looks on a background with the Hex color 08AFA5.

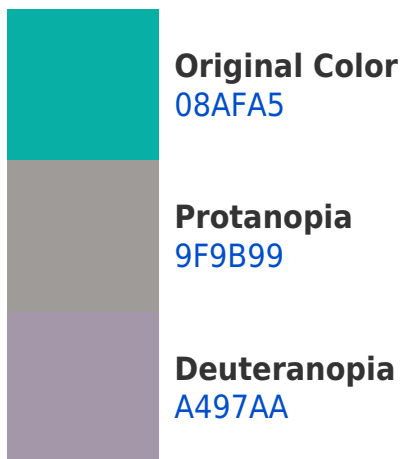


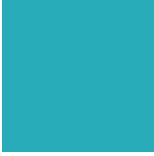
This preview shows how white text looks on a background with the Hex color 08AFA5.

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



Original Color
08AFA5



Protanomaly
68A29D



Deuteranomaly
6BA0A8



Tritanomaly
1CADB2

Monochromacy



Original Color
08AFA5



Achromatopsia
7C7C7C



Achromatomaly
528F8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 08AFA5 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 #08AFA5 looks like.

```
.text, #text, p{  
    color:#08AFA5  
}
```

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 #08AFA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08AFA5
}
```

Border

The CSS property to change the border of an element to Hex 08AFA5 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
#08AFA5 }
```

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

```
.border{ border-color:#08AFA5 }
```

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

Here you see how a box with a 4 pixel #08AFA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08AFA5; -webkit-box-shadow:4px 4px  
4px 4px #08AFA5; box-shadow:4px 4px 4px  
4px #08AFA5 }
```

Background

The CSS property to change the background color of an element to Hex 08AFA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08AFA5 }
```

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

```
.background{ background-color:#08AFA5 }
```

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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