

Converting Colors

Hex(06A567)

Have a look what the booklet for
Hex(06A567) contains.

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Color

Hex(06A567)

Conversions

Conversions Part 1

Format	Color
Hex	06A567
RGB	6, 165, 103
RGB Percent	2%, 65%, 40%
CMY	0.9765, 0.3529, 0.5961
CMYK	0.96, 0.00, 0.38, 0.35
HSL	157°, 93%, 34%
HSV	157°, 96%, 65%
XYZ	15.9784, 27.9283, 17.3805
YIQ	110.3910, -74.8620, -52.9900

Conversions

Conversions Part 2

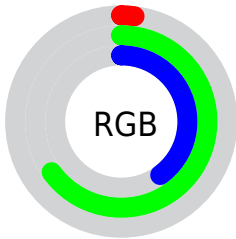
Format	Color
RYB	6, 105, 165
Decimal	435559
CIELab	59.82, -50.87, 22.24
CIELCh	60, 55.522, 156.388
Yxy	27.9283, 0.2607, 0.4557
Android (android.graphics.Color)	4278625639 (0xFF06A567)
YUV	110.3910, -3.6438, -91.5509
Hunter-Lab	52.8472, -38.5129, 17.4936

Details

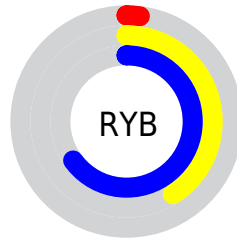
The Hex color **06A567** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A50644**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5BDD9B**, and **007037** is the 20% darker color. If you saturate the color by 10%, you get **00A565**, and if you desaturate by 10%, it is **16A56D**.

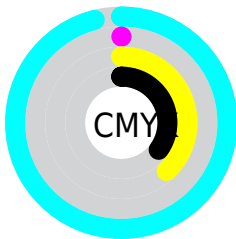
Distribution



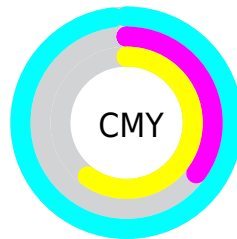
- Red (2%)
- Green (65%)
- Blue (40%)



- Red (2%)
- Yellow (41%)
- Blue (65%)



- Cyan (96%)
- Magenta (0%)
- Yellow (38%)
- Black (35%)



- Cyan (98%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06A567 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 06A567 by changing the saturation by 10% instead.

 06A567

 06A567

FFFFFF

 008A4F

 5BDD9B

 007037

 7AFAB6

 005621

 97FFD1

 003E0B

 B5FFEE


 002700

 D3FFFF

 000000

 F1FFFF

 06A567

 06A567

 00A565

 16A56D

 27A574

 38A57A

 48A581

 59A587

 69A58E

 79A594

 8AA59A

 9BA5A1

Harmonies

Analogous

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



6D9E3C



06A567



00A899

Triad

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



06A567



3C92F1



E36C59

Complementary

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



06A567



A50644

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.



E96388



06A567



A07FDF

Square

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



06A567



00A0E9



D46BB8



C97F34

Rectangle

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



06A567



00A7BA



D46BB8



E86868

Sweetspot

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



06A567



98D6BE



46A506



466B5C



EBEBEB



6B6B6B

Same Dimension

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



06A567



00D683



0695A5



49524E



009159



00120B

Inverse Universe

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



A50644



D60054



A51606



52494D



910039



120007

Previews

White Background



This preview shows how the Hex color 06A567 looks on a white background.

Color Contrast Check

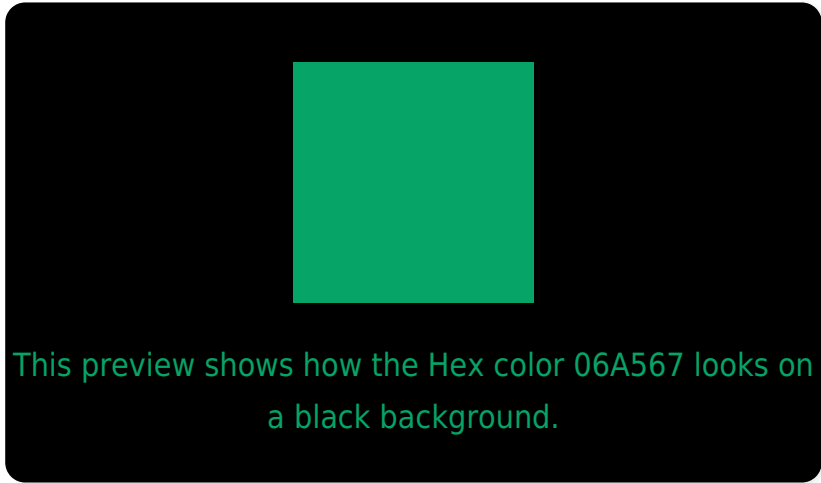
Large Text (above 18pt) WCAG AA ✓ Pass

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

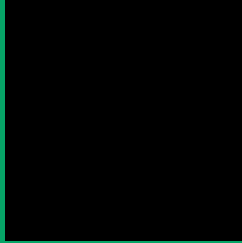
Any Text WCAG AA ✓ Pass

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 06A567 Background



This preview shows how black text looks on a background with the Hex color 06A567.

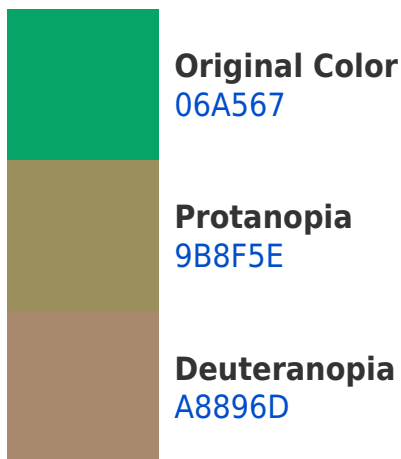


This preview shows how white text looks on a background with the Hex color 06A567.

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
3B9DAA

Trichromacy



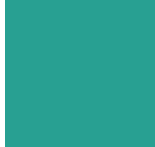
Original Color
06A567



Protanomaly
659761



Deuteranomaly
6D936B



Tritanomaly
28A092

Monochromacy



Original Color
06A567



Achromatopsia
6E6E6E



Achromatomaly
48826B

CSS Examples

Text

The CSS property to change the color of the text to Hex 06A567 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 #06A567 looks like.

```
.text, #text, p{  
    color:#06A567  
}
```

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 #06A567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06A567  
}
```

Border

The CSS property to change the border of an element to Hex 06A567 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  
#06A567 }
```

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

```
.border{ border-color:#06A567 }
```

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

Here you see how a box with a 4 pixel #06A567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06A567; -webkit-box-shadow:4px 4px  
4px 4px #06A567; box-shadow:4px 4px 4px  
4px #06A567 }
```

Background

The CSS property to change the background color of an element to Hex 06A567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06A567 }
```

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

```
.background{ background-color:#06A567 }
```

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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