

Converting Colors

Hex(15AF64)

Have a look what the booklet for
Hex(15AF64) contains.

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Color

Hex(15AF64)

Conversions

Conversions Part 1

Format	Color
Hex	15AF64
RGB	21, 175, 100
RGB Percent	8%, 69%, 39%
CMY	0.9176, 0.3137, 0.6078
CMYK	0.88, 0.00, 0.43, 0.31
HSL	151°, 79%, 38%
HSV	151°, 88%, 69%
XYZ	17.9395, 31.7395, 17.2374
YIQ	120.4040, -67.7090, -55.9730

Conversions

Conversions Part 2

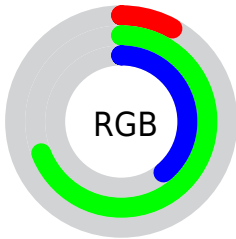
Format	Color
RYB	21, 123, 175
Decimal	1421156
CIELab	63.13, -54.25, 28.23
CIELCh	63, 61.161, 152.509
Yxy	31.7395, 0.2681, 0.4743
Android (android.graphics.Color)	4279611236 (0xFF15AF64)
YUV	120.4040, -10.0592, -87.1773
Hunter-Lab	56.3378, -41.7519, 21.2958

Details

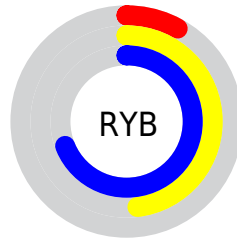
The Hex color **15AF64** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AF1560**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **62E898**, and **007934** is the 20% darker color. If you saturate the color by 10%, you get **04AF5B**, and if you desaturate by 10%, it is **27AF6D**.

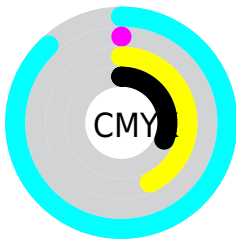
Distribution



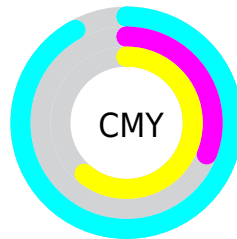
- Red (8%)
- Green (69%)
- Blue (39%)



- Red (8%)
- Yellow (48%)
- Blue (69%)



- Cyan (88%)
- Magenta (0%)
- Yellow (43%)
- Black (31%)



- Cyan (92%)
- Magenta (31%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15AF64 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 15AF64 by changing the saturation by 10% instead.

 15AF64

 15AF64

FFFFFF

 00944B

 62E898

 007934

 81FFB3

 005F1D

 9EFFCE

 004605

 BCF FEB

 003000

 DAFFFF

 001300

 F9FFFF

 000000

 15AF64

 15AF64

 04AF5B

 27AF6D

 00AF5A

 38AF75

 4AAF7E

 5BAF86

 6DAF8F

 7EAF97

 90AFA0

 A1AFA8

 B3AFB1

Harmonies

Analogous

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



79A635



15AF64



00B39C

Triad

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



15AF64



009EFF



F76E61

Complementary

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



15AF64



AF1560

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.



FA6596



15AF64



A088F5

Square

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



15AF64



00ABF9



DE71CC



DC8336

Rectangle

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



15AF64



00B3C1



DE71CC



FB6972

Sweetspot

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



15AF64



A8E3C6



62AF15



4F7361



F2F2F2



737373

Same Dimension

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



15AF64



00E374



15AFAF



4E5752



00964D



00170C

Inverse Universe

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



AF1560



E3006F



AF1515



574E52



960049



17000B

Previews

White Background



This preview shows how the Hex color 15AF64 looks on a white background.

Color Contrast Check

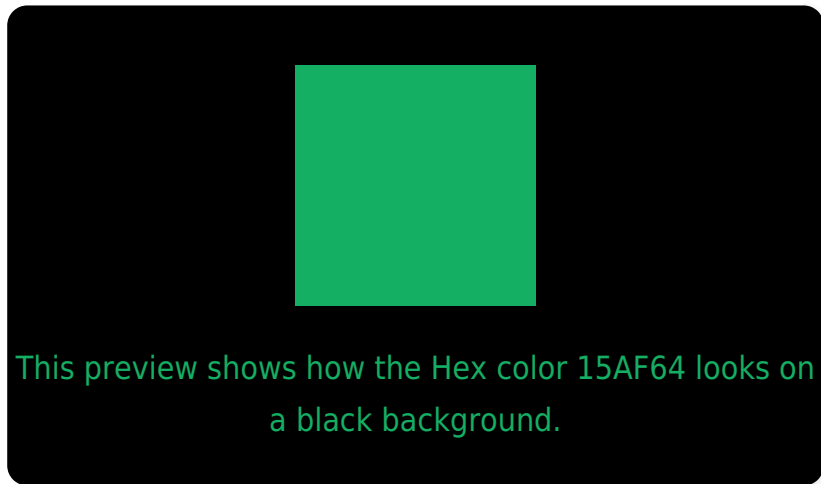
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

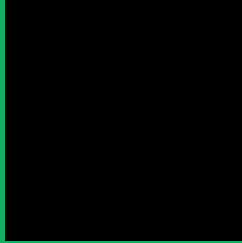
Any Text WCAG AA ✓ Pass

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 15AF64 Background



This preview shows how black text looks on a background with the Hex color 15AF64.

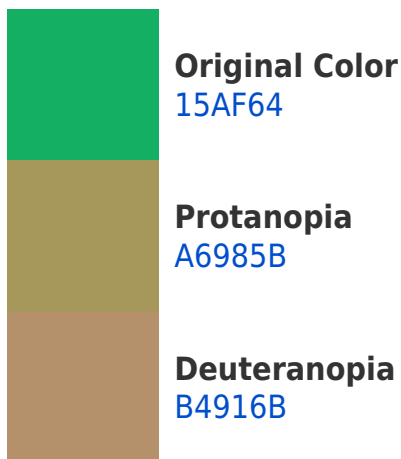


This preview shows how white text looks on a background with the Hex color 15AF64.

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](#).

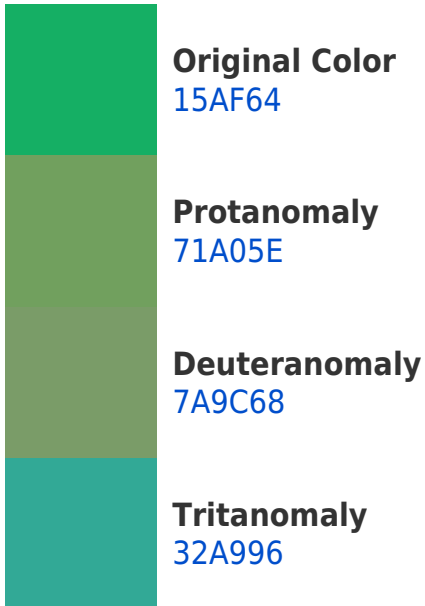
Dichromacy



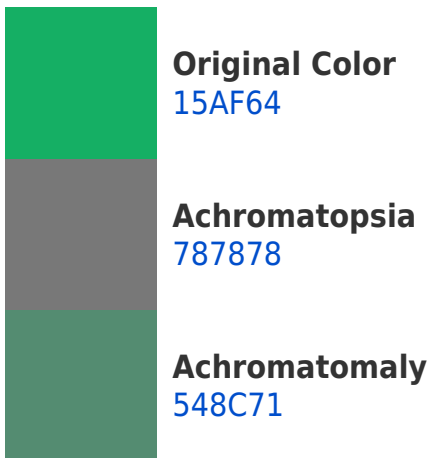


Tritanopia
43A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 15AF64 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 #15AF64 looks like.

```
.text, #text, p{  
    color:#15AF64  
}
```

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 #15AF64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15AF64
}
```

Border

The CSS property to change the border of an element to Hex 15AF64 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
#15AF64 }
```

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

```
.border{ border-color:#15AF64 }
```

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

Here you see how a box with a 4 pixel #15AF64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15AF64; -webkit-box-shadow:4px 4px  
4px 4px #15AF64; box-shadow:4px 4px 4px  
4px #15AF64 }
```

Background

The CSS property to change the background color of an element to Hex 15AF64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15AF64 }
```

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

```
.background{ background-color:#15AF64 }
```

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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