

Converting Colors

Hex(15A104)

Have a look what the booklet for
Hex(15A104) contains.

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Color

Hex(15A104)

Conversions

Conversions Part 1

Format	Color
Hex	15A104
RGB	21, 161, 4
RGB Percent	8%, 63%, 2%
CMY	0.9176, 0.3686, 0.9843
CMYK	0.87, 0.00, 0.98, 0.37
HSL	114°, 95%, 32%
HSV	114°, 98%, 63%
XYZ	13.0760, 25.6579, 4.3782
YIQ	101.2420, -33.0430, -78.5070

Conversions

Conversions Part 2

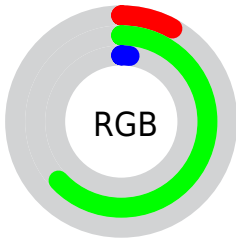
Format	Color
RYB	4, 161, 144
Decimal	1417476
CIELab	57.71, -59.60, 58.57
CIELCh	58, 83.564, 135.501
Yxy	25.6579, 0.3033, 0.5951
Android (android.graphics.Color)	4279607556 (0xFF15A104)
YUV	101.2420, -47.9403, -70.3722
Hunter-Lab	50.6537, -42.5648, 30.3329

Details

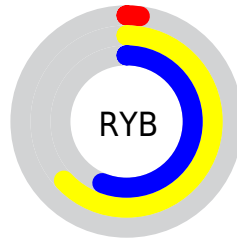
The Hex color **15A104** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9004A1**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **62D949**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **11A100**, and if you desaturate by 10%, it is **23A114**.

Distribution



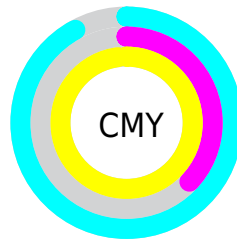
- Red (8%)
- Green (63%)
- Blue (2%)



- Red (2%)
- Yellow (63%)
- Blue (56%)



- Cyan (87%)
- Magenta (0%)
- Yellow (98%)
- Black (37%)




- Cyan (92%)
- Magenta (37%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15A104 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 15A104 by changing the saturation by 10% instead.

 15A104

 15A104

FFFFFF

 008600

 62D949

 006C00

 80F665

 005200

 9EFF80

 003A00

 BCFF9C

 002200

 DAFFB8

 000000

 F8FFD4

 FFFFF2

 15A104

 15A104

■ 11A100

■ 23A114

■ 32A124

■ 40A134

■ 4EA144

■ 5DA154

■ 6BA165

■ 79A175

■ 88A185

■ 96A195

Harmonies

Analogous

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



859300



15A104



00A863

Triad

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



15A104



009DFF



FF2968

Complementary

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



15A104



9004A1

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.



F933B1



15A104



0087FF

Square

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



15A104



00A8F2



BB62F2



F35520

Rectangle

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



15A104



00AA97



BB62F2



FF2281

Sweetspot

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



15A104



9BD194



A18F04



486944



E8E8E8



696969

Same Dimension

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



15A104



17D100



04A140



4A5249



109100



021200

Inverse Universe

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



9004A1



BA00D1



A10465



514952



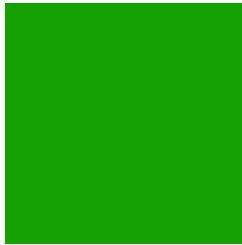
820091



100012

Previews

White Background



This preview shows how the Hex color 15A104 looks on a white background.

Color Contrast Check

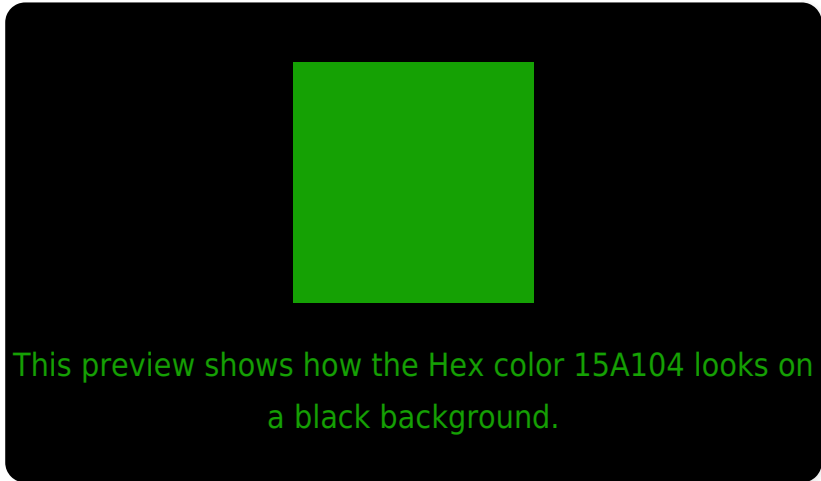
Large Text (above 18pt) WCAG AA ✓ Pass

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

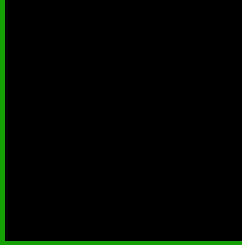
Any Text WCAG AA ✓ Pass

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 15A104 Background



This preview shows how black text looks on a background with the Hex color 15A104.



This preview shows how white text looks on a background with the Hex color 15A104.

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



Original Color
15A104

Protanopia
9B8A00

Deuteranopia
AD8323



Tritanopia
4696A2

Trichromacy



Original Color

15A104



Protanomaly

6A9201



Deuteranomaly

768E18



Tritanomaly

349A69

Monochromacy



Original Color

15A104



Achromatopsia

656565



Achromatomaly

487B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 15A104 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 #15A104 looks like.

```
.text, #text, p{  
    color:#15A104  
}
```

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 #15A104 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15A104
}
```

Border

The CSS property to change the border of an element to Hex 15A104 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".

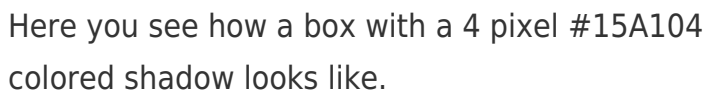
```
.border, #border, table{ border:4px solid
#15A104 }
```

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

```
.border{ border-color:#15A104 }
```

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

Here you see how a box with a 4 pixel #15A104 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px solid green color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15A104; -webkit-box-shadow:4px 4px  
4px 4px #15A104; box-shadow:4px 4px 4px  
4px #15A104 }
```

Background

The CSS property to change the background color of an element to Hex 15A104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15A104 }
```

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

```
.background{ background-color:#15A104 }
```

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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