

Converting Colors

Hex(0AF557)

Have a look what the booklet for
Hex(0AF557) contains.

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Color

Hex(0AF557)

Conversions

Conversions Part 1

Format	Color
Hex	0AF557
RGB	10, 245, 87
RGB Percent	4%, 96%, 34%
CMY	0.9608, 0.0392, 0.6588
CMYK	0.96, 0.00, 0.64, 0.04
HSL	140°, 92%, 50%
HSV	140°, 96%, 96%
XYZ	34.4979, 66.0575, 19.9490
YIQ	156.7230, -89.3420, -98.9580

Conversions

Conversions Part 2

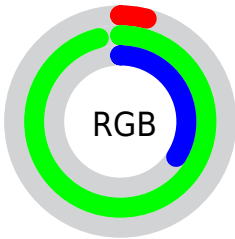
Format	Color
R_{YB}	10, 187, 245
Decimal	718167
CIE Lab	85.03, -78.80, 60.59
CIE LCh	85, 99.397, 142.442
Yxy	66.0575, 0.2863, 0.5482
Android (android.graphics.Color)	4278908247 (0xFF0AF557)
YUV	156.7230, -34.3734, -128.6761
Hunter-Lab	81.2757, -66.4674, 42.3404

Details

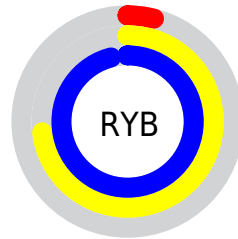
The Hex color **0AF557** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated green. A complement of this color would be **F50AA8**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **74FF8E**, and **00BB1A** is the 20% darker color. If you saturate the color by 10%, you get **00F550**, and if you desaturate by 10%, it is **22F567**.

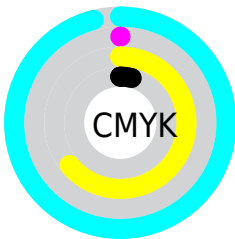
Distribution



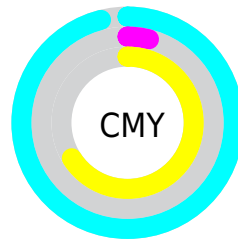
- Red (4%)
- Green (96%)
- Blue (34%)



- Red (4%)
- Yellow (73%)
- Blue (96%)



- Cyan (96%)
- Magenta (0%)
- Yellow (64%)
- Black (4%)



- Cyan (96%)
- Magenta (4%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AF557 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 0AF557 by changing the saturation by 10% instead.

 0AF557

FFFFFF

 74FF8E

 96FFAA

 B7FFC7


 D7FFE4


 F7FFFF

 0AF557

 00D83B

 00BB1A

 009F00

 008300

 006800

 004E00

 003500

 001A00

 000000

 0AF557

 0AF557

 00F550

 22F567

 3BF578

 54F588

 6CF599

 84F5A9

 9DF5BA

 B6F5CA

 CEF5DB

 E7F5EB

Harmonies

Analogous

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



BBE400



0AF557



00FDB9

Triad

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



0AF557



00E7FF



FF7493

Complementary

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



0AF557



F50AA8

Split Complementary

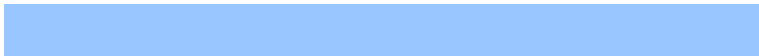
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF6DF0



0AF557



99C6FF

Square

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



0AF557



00F8FF



FF97FF



FF9F3A

Rectangle

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



0AF557



00FFFA



FF97FF



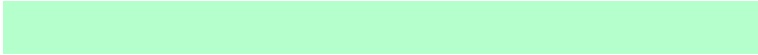
FF6BB1

Sweetspot

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



0AF557



B5FFCD



ABF50A



538061



000000



808080

Same Dimension

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



0AF557



00FF54



0AF5CA



6E7A72



00BA3D



003B13

Inverse Universe

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



F50AA8



FF00AB



F50A35



7A6E76



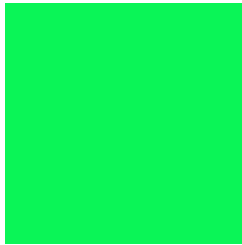
BA007D



3B0027

Previews

White Background



This preview shows how the Hex color 0AF557 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 0AF557 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

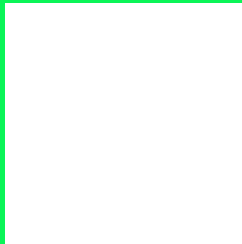
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0AF557 Background



This preview shows how black text looks on a background with the Hex color 0AF557.

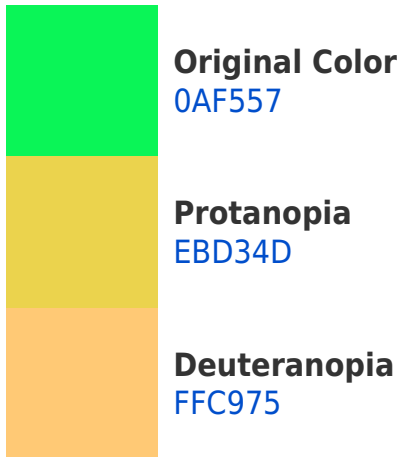


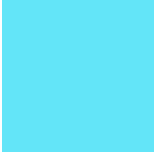
This preview shows how white text looks on a background with the Hex color 0AF557.

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](#).

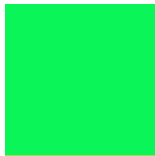
Dichromacy





Tritanopia
63E5F8

Trichromacy



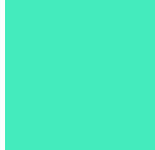
Original Color
0AF557



Protanomaly
99DF51

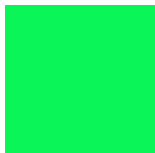


Deuteranomaly
A6D96A



Tritanomaly
43EBBD

Monochromacy



Original Color
0AF557



Achromatopsia
9D9D9D



Achromatomaly
68BD84

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AF557 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 #0AF557 looks like.

```
.text, #text, p{  
    color:#0AF557  
}
```

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 #0AF557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AF557
}
```

Border

The CSS property to change the border of an element to Hex 0AF557 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
#0AF557 }
```

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

```
.border{ border-color:#0AF557 }
```

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

Here you see how a box with a 4 pixel #0AF557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AF557; -webkit-box-shadow:4px 4px  
4px 4px #0AF557; box-shadow:4px 4px 4px  
4px #0AF557 }
```

Background

The CSS property to change the background color of an element to Hex 0AF557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AF557 }
```

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

```
.background{ background-color:#0AF557 }
```

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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