

Converting Colors

Hex(7AEB18)

Have a look what the booklet for
Hex(7AEB18) contains.

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Color

Hex(7AEB18)

Conversions

Conversions Part 1

Format	Color
Hex	7AEB18
RGB	122, 235, 24
RGB Percent	48%, 92%, 9%
CMY	0.5216, 0.0784, 0.9059
CMYK	0.48, 0.00, 0.90, 0.08
HSL	92°, 84%, 51%
HSV	92°, 90%, 92%
XYZ	37.8992, 63.6202, 11.1466
YIQ	177.1590, 0.3830, -89.5770

Conversions

Conversions Part 2

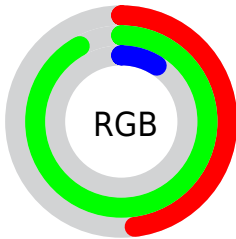
Format	Color
RYB	24, 235, 137
Decimal	8055576
CIELab	83.77, -62.02, 78.45
CIElCh	84, 100.005, 128.326
Yxy	63.6202, 0.3364, 0.5647
Android (android.graphics.Color)	4286245656 (0xFF7AEB18)
YUV	177.1590, -75.5074, -48.3744
Hunter-Lab	79.7623, -54.7692, 47.5480

Details

The Hex color **7AEB18** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **8918EB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B7FF60**, and **37B200** is the 20% darker color. If you saturate the color by 10%, you get **6DEB00**, and if you desaturate by 10%, it is **87EB30**.

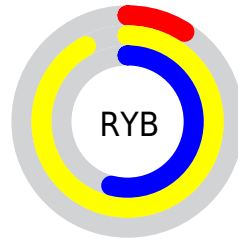
Distribution



Red (48%)

Green (92%)

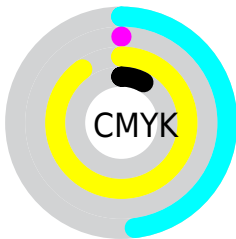
Blue (9%)



Red (9%)

Yellow (92%)

Blue (54%)

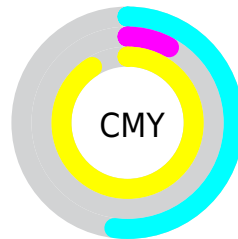


Cyan (48%)

Magenta (0%)

Yellow (90%)

Black (8%)



Cyan (52%)

Magenta (8%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AEB18 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 7AEB18 by changing the saturation by 10% instead.

 7AEB18

 7AEB18

FFFFFF

 5ACE00

 B7FF60

 37B200

 D6FF7E

 009700

 F5FF9B

 007C00

 FFFFB8

 006200

 FFFFD6

 004900

 FFFFF4

 003200

 001600

 000000

 7AEB18

 7AEB18

 6DEB00

 87EB30

 93EB47

 A0EB5E

 ACEB76

 B9EB8D

 C6EBA5

 D2EBBC

 DFEBD4

 EBEBEC

Harmonies

Analogous

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



E2D500



7AEB18



00F687

Triad

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



7AEB18



00EDFF



FF63BB

Complementary

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



7AEB18



8918EB

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.



FF79FF



7AEB18



00D4FF

Square

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



7AEB18



00F9FF



F2AAFF



FF8460

Rectangle

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



7AEB18



00FAC9



F2AAFF



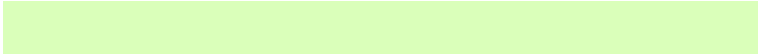
FF64DA

Sweetspot

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



7AEB18



DAFFBA



EB8918



6A8057



000000



808080

Same Dimension

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



7AEB18



76FF00



18EB1F



6F756A



54B500



193600

Inverse Universe

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



8918EB



8900FF



EB18E4



706A75



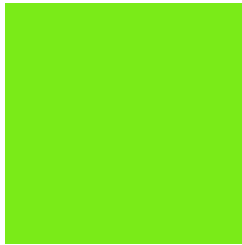
6100B5



1D0036

Previews

White Background



This preview shows how the Hex color 7AEB18 looks on a white background.

Color Contrast Check

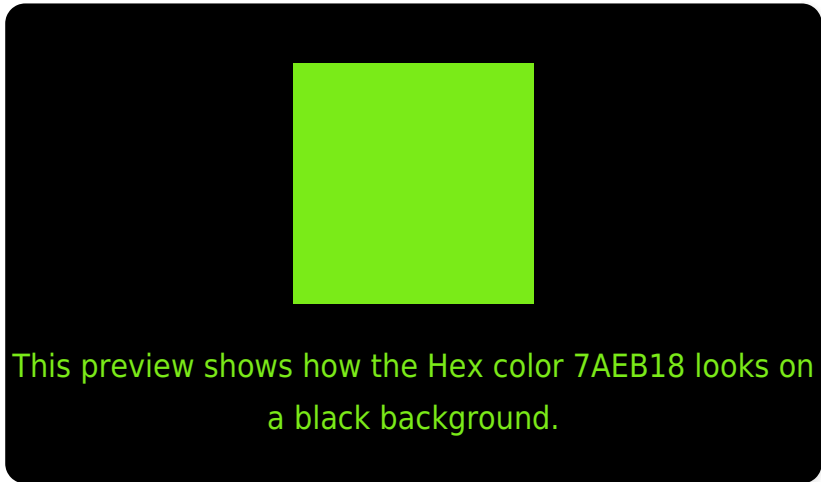
Large Text (above 18pt) WCAG AA × Fail

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

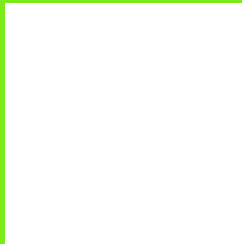
Any Text WCAG AAA ✓ Pass

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

Hex 7AEB18 Background



This preview shows how black text looks on a background with the Hex color 7AEB18.

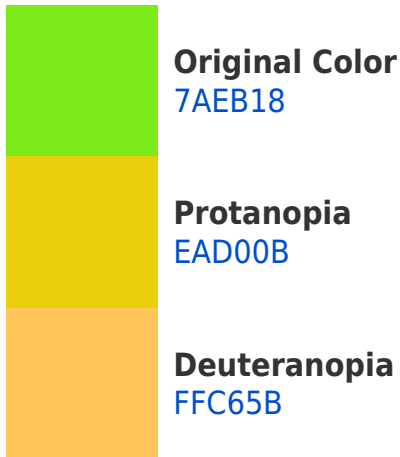


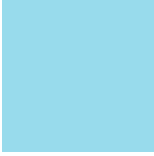
This preview shows how white text looks on a background with the Hex color 7AEB18.

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
98DBEC

Trichromacy



Original Color
7AEB18



Protanomaly
C1DA10



Deuteranomaly
CFD343

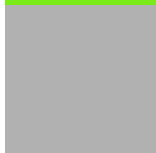


Tritanomaly
8DE19F

Monochromacy



Original Color
7AEB18



Achromatopsia
B1B1B1



Achromatomaly
9DC679

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AEB18 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 #7AEB18 looks like.

```
.text, #text, p{  
    color:#7AEB18  
}
```

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 #7AEB18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AEB18
}
```

Border

The CSS property to change the border of an element to Hex 7AEB18 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
#7AEB18 }
```

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

```
.border{ border-color:#7AEB18 }
```

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

Here you see how a box with a 4 pixel #7AEB18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AEB18; -webkit-box-shadow:4px 4px  
4px 4px #7AEB18; box-shadow:4px 4px 4px  
4px #7AEB18 }
```

Background

The CSS property to change the background color of an element to Hex 7AEB18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AEB18 }
```

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

```
.background{ background-color:#7AEB18 }
```

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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