

Converting Colors

Hex(6AE689)

Have a look what the booklet for
Hex(6AE689) contains.

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Color

Hex(6AE689)

Conversions

Conversions Part 1

Format	Color
Hex	6AE689
RGB	106, 230, 137
RGB Percent	42%, 90%, 54%
CMY	0.5843, 0.0980, 0.4627
CMYK	0.54, 0.00, 0.40, 0.10
HSL	135°, 71%, 66%
HSV	135°, 54%, 90%
XYZ	38.7560, 61.4639, 33.4880
YIQ	182.3220, -44.0510, -55.2110

Conversions

Conversions Part 2

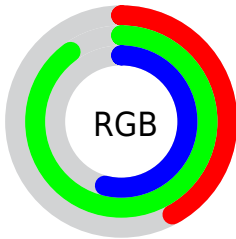
Format	Color
RYB	106, 205, 230
Decimal	7005833
CIELab	82.63, -54.35, 35.05
CIElCh	83, 64.669, 147.185
Yxy	61.4639, 0.2899, 0.4597
Android (android.graphics.Color)	4285195913 (0xFF6AE689)
YUV	182.3220, -22.3437, -66.9344
Hunter-Lab	78.3989, -48.9578, 29.5536

Details

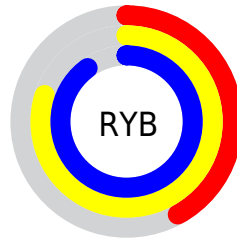
The Hex color **6AE689** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **E66AC7**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A5FFBF**, and **27AD56** is the 20% darker color. If you saturate the color by 10%, you get **53E678**, and if you desaturate by 10%, it is **81E69A**.

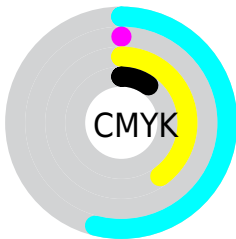
Distribution



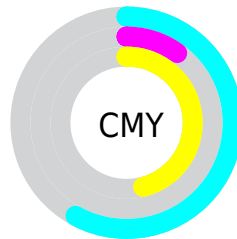
- Red (42%)
- Green (90%)
- Blue (54%)



- Red (42%)
- Yellow (80%)
- Blue (90%)



- Cyan (54%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)



- Cyan (58%)
- Magenta (10%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AE689 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 6AE689 by changing the saturation by 10% instead.

 6AE689

FFFFFF

 A5FFBF

 C3FFDB

 E1FFF8

 6AE689

 4BC96F

 27AD56

 00923D

 007825

 005E0B

 004500

 002F00

 001100

 000000

 6AE689

 6AE689

 53E678

 81E69A

 3CE667

 98E6AC

 25E655

 AFE6BD

 0EE644

 C6E6CE

 00E63A

 DDE6DF

 F4E6F1

 FFE6FF

Harmonies

Analogous

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



B9DB5B



6AE689



00EBC6

Triad

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



6AE689



30D6FF



FF9E9A

Complementary

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



6AE689



E66AC7

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.



FF99D6



6AE689



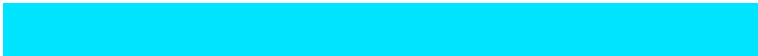
C7C0FF

Square

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



6AE689



00E4FF



FFA8FF



FFB268

Rectangle

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



6AE689



00ECF0



FFA8FF



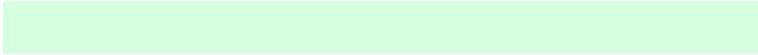
FF9AAD

Sweetspot

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



6AE689



D6FFE0



C7E66A



67806D



000000



808080

Same Dimension

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



6AE689



59FF83



6AE6C7



67736A



00B32D



00330D

Inverse Universe

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



E66AC7



FF59D6



E66A89



736770



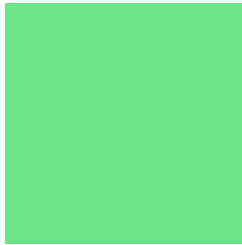
B30086



330026

Previews

White Background



This preview shows how the Hex color 6AE689 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 6AE689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

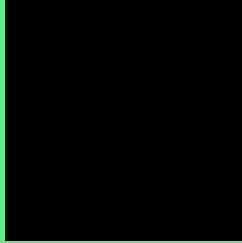
Any Text WCAG AA ✓ Pass

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 6AE689 Background



This preview shows how black text looks on a background with the Hex color 6AE689.

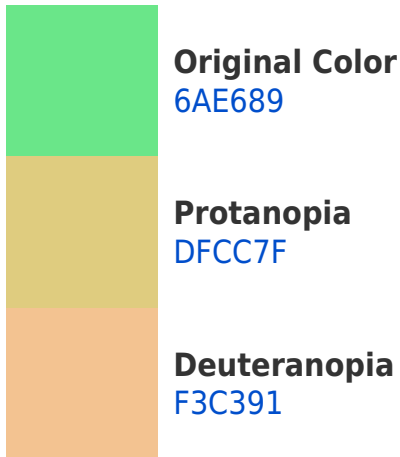


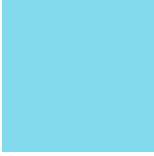
This preview shows how white text looks on a background with the Hex color 6AE689.

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](#).

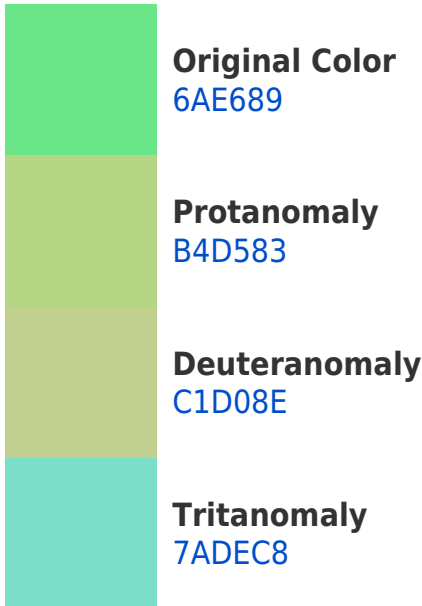
Dichromacy



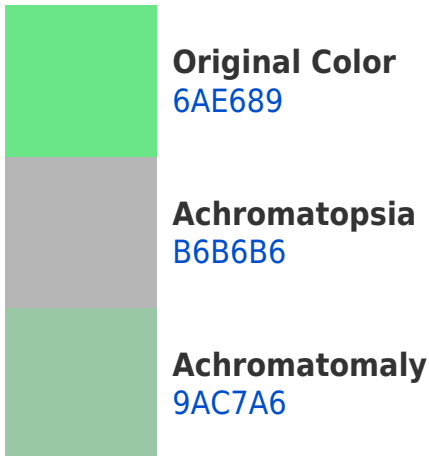


Tritanopia
83DAEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AE689 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 #6AE689 looks like.

```
.text, #text, p{  
    color:#6AE689  
}
```

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 #6AE689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AE689
}
```

Border

The CSS property to change the border of an element to Hex 6AE689 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
#6AE689 }
```

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

```
.border{ border-color:#6AE689 }
```

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

Here you see how a box with a 4 pixel #6AE689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AE689; -webkit-box-shadow:4px 4px  
4px 4px #6AE689; box-shadow:4px 4px 4px  
4px #6AE689 }
```

Background

The CSS property to change the background color of an element to Hex 6AE689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AE689 }
```

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

```
.background{ background-color:#6AE689 }
```

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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