

Converting Colors

Hex(6EA387)

Have a look what the booklet for
Hex(6EA387) contains.

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Color

Hex(6EA387)

Conversions

Conversions Part 1

Format	Color
Hex	6EA387
RGB	110, 163, 135
RGB Percent	43%, 64%, 53%
CMY	0.5686, 0.3608, 0.4706
CMYK	0.33, 0.00, 0.17, 0.36
HSL	148°, 22%, 54%
HSV	148°, 33%, 64%
XYZ	23.9008, 31.2587, 27.6955
YIQ	143.9610, -22.6000, -19.9440

Conversions

Conversions Part 2

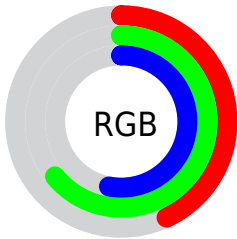
Format	Color
RYB	110, 146, 163
Decimal	7250823
CIELab	62.73, -23.74, 9.01
CIElCh	63, 25.394, 159.210
Yxy	31.2587, 0.2885, 0.3773
Android (android.graphics.Color)	4285440903 (0xFF6EA387)
YUV	143.9610, -4.4178, -29.7838
Hunter-Lab	55.9094, -21.5344, 9.7665

Details

The Hex color **6EA387** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A36E8A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A3DABC**, and **3C6F55** is the 20% darker color. If you saturate the color by 10%, you get **5EA37E**, and if you desaturate by 10%, it is **7EA390**.

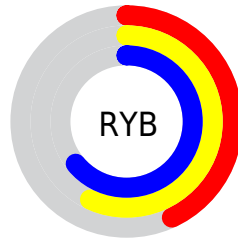
Distribution



Red (43%)

Green (64%)

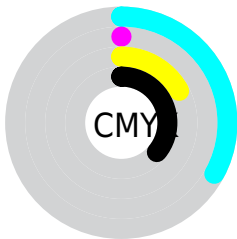
Blue (53%)



Red (43%)

Yellow (57%)

Blue (64%)

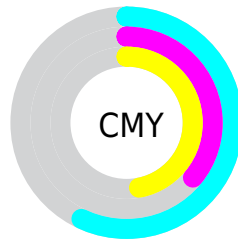


Cyan (33%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EA387 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 6EA387 by changing the saturation by 10% instead.



6EA387



6EA387

FFFFFF



55896E



A3DABC



3C6F55



BFF7D8



23563E



DBFFF4



073F28



F8FFFF



002814



001100



000000



6EA387



6EA387



5EA37E



7EA390

 4DA376

 8FA398

 3DA36D

 9FA3A1

 2DA365

 AFA3A9

 1DA35C

 C0A3B2

 0CA353

 D0A3BB

 00A34D

 E0A3C3

 F0A3CC

 FFA3D5

Harmonies

Analogous

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



889F74



6EA387



59A49E

Triad

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



6EA387



8597C4



C38A7C

Complementary

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



6EA387



A36E8A

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.



C58791



6EA387



A490BB

Square

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



6EA387



669EC1



BA89A8



B6916E

Rectangle

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



6EA387



52A4AD



BA89A8



C58983

Sweetspot

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



6EA387



BED4C8



8AA36E



5E6B64



EBEBEB



6B6B6B

Same Dimension

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



6EA387



81D4A8



6EA3A1



49524D



009145



001208

Inverse Universe

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



A36E8A



D481AD



A36E70



52494E



91004D



120009

Previews

White Background



This preview shows how the Hex color 6EA387 looks on a white background.

Color Contrast Check

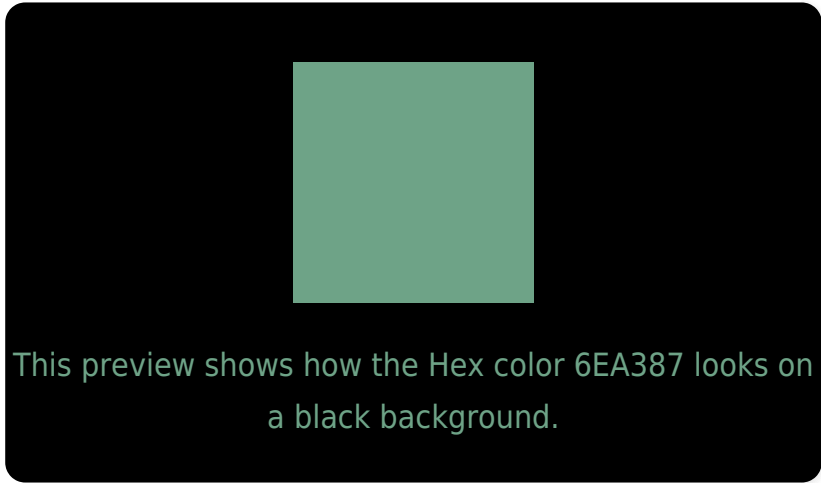
Large Text (above 18pt) WCAG AA × Fail

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

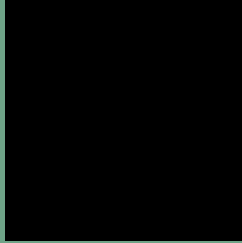
Any Text WCAG AA ✓ Pass

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 6EA387 Background



This preview shows how black text looks on a background with the Hex color 6EA387.

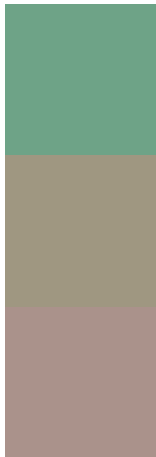


This preview shows how white text looks on a background with the Hex color 6EA387.

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
6EA387

Protanopia
9F9781

Deuteranopia
AA928B

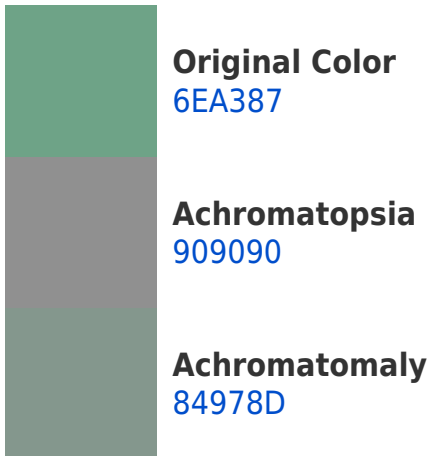


Tritanopia
769EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EA387 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 #6EA387 looks like.

```
.text, #text, p{  
    color:#6EA387  
}
```

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 #6EA387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA387
}
```

Border

The CSS property to change the border of an element to Hex 6EA387 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
#6EA387 }
```

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

```
.border{ border-color:#6EA387 }
```

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

Here you see how a box with a 4 pixel #6EA387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA387; -webkit-box-shadow:4px 4px  
4px 4px #6EA387; box-shadow:4px 4px 4px  
4px #6EA387 }
```

Background

The CSS property to change the background color of an element to Hex 6EA387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA387 }
```

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

```
.background{ background-color:#6EA387 }
```

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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