

Converting Colors

Hex(66A087)

Have a look what the booklet for
Hex(66A087) contains.

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Color

Hex(66A087)

Conversions

Conversions Part 1

Format	Color
Hex	66A087
RGB	102, 160, 135
RGB Percent	40%, 63%, 53%
CMY	0.6000, 0.3725, 0.4706
CMYK	0.36, 0.00, 0.16, 0.37
HSL	154°, 23%, 51%
HSV	154°, 36%, 63%
XYZ	22.4235, 29.7157, 27.4755
YIQ	139.8080, -26.5430, -20.0710

Conversions

Conversions Part 2

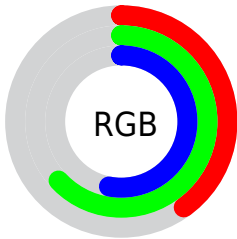
Format	Color
RYB	102, 139, 160
Decimal	6725767
CIELab	61.41, -24.70, 7.08
CIELCh	61, 25.697, 164.011
Yxy	29.7157, 0.2817, 0.3732
Android (android.graphics.Color)	4284915847 (0xFF66A087)
YUV	139.8080, -2.3703, -33.1576
Hunter-Lab	54.5121, -21.9704, 8.2747

Details

The Hex color **66A087** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A0667F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9BD7BC**, and **336C55** is the 20% darker color. If you saturate the color by 10%, you get **56A080**, and if you desaturate by 10%, it is **76A08E**.

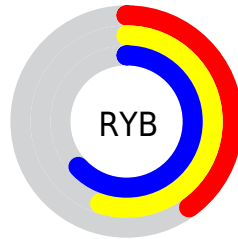
Distribution



Red (40%)

Green (63%)

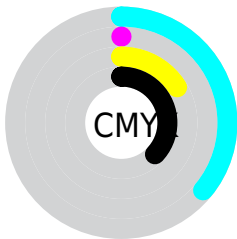
Blue (53%)



Red (40%)

Yellow (55%)

Blue (63%)

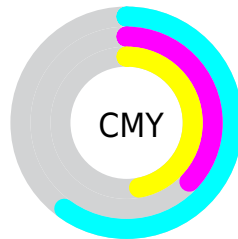


Cyan (36%)

Magenta (0%)

Yellow (16%)

Black (37%)



Cyan (60%)

Magenta (37%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66A087 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 66A087 by changing the saturation by 10% instead.

 66A087

 66A087

FFFFFF

 4C866E

 9BD7BC

 336C55

 B6F4D8

 19543E

 D3FFF4

 003C28

 EFFFFF

 002614

 000A00

 000000

 66A087

 66A087

 56A080

 76A08E

■ 46A079

■ 86A095

■ 36A072

■ 96A09C

■ 26A06B

■ A6A0A3

■ 16A065

■ B6A0A9

■ 06A05E

■ C6A0B0

■ 00A05B

■ D6A0B7

■ E6A0BE

■ F6A0C5

Harmonies

Analogous

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



809C73



66A087



51A19E

Triad

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



66A087



8793C0



BE8876

Complementary

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



66A087



A0667F

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.



C2848A



66A087



A58BB5

Square

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



66A087



669ABF



BA85A1



AF8F69

Rectangle

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



66A087



4DA0AD



BA85A1



C1867C

Sweetspot

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



66A087



BAD1C7



7FA066



5B6963



E8E8E8



696969

Same Dimension

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



66A087



75D1A9



669CA0



474F4C



008F51



000F09

Inverse Universe

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



A0667F



D1759D



A06A66



4F474B



8F003E



0F0007

Previews

White Background



This preview shows how the Hex color 66A087 looks on a white background.

Color Contrast Check

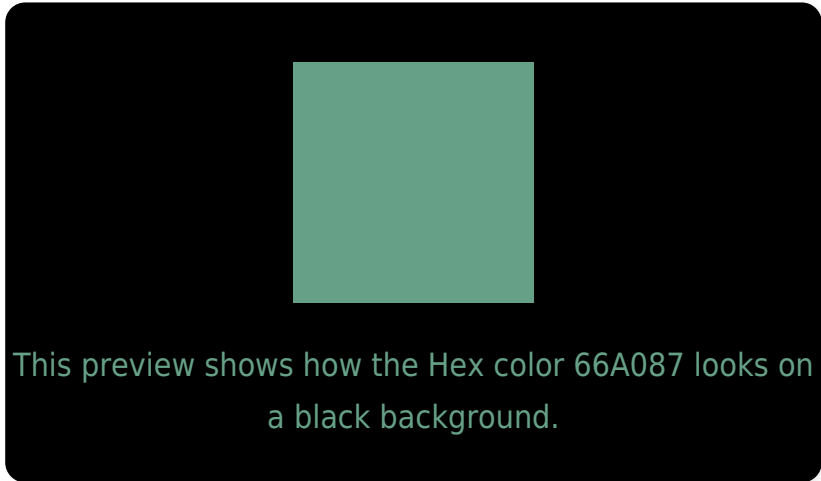
Large Text (above 18pt) WCAG AA ✓ Pass

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

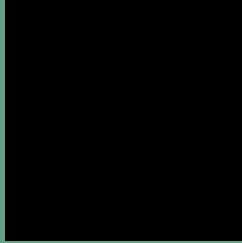
Any Text WCAG AA ✓ Pass

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 66A087 Background



This preview shows how black text looks on a background with the Hex color 66A087.

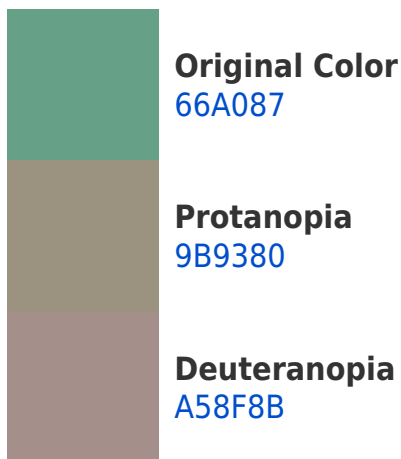



This preview shows how white text looks on a background with the Hex color 66A087.

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](#).

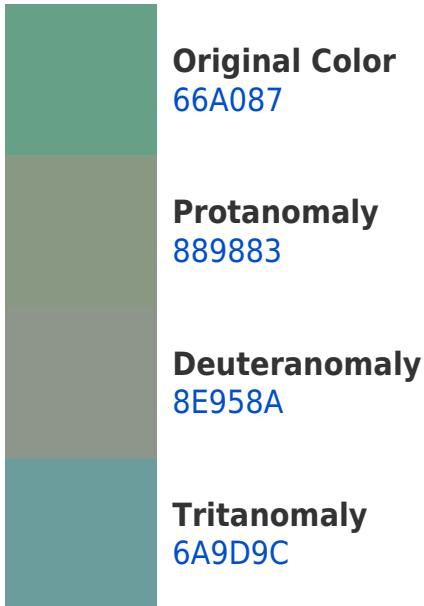
Dichromacy



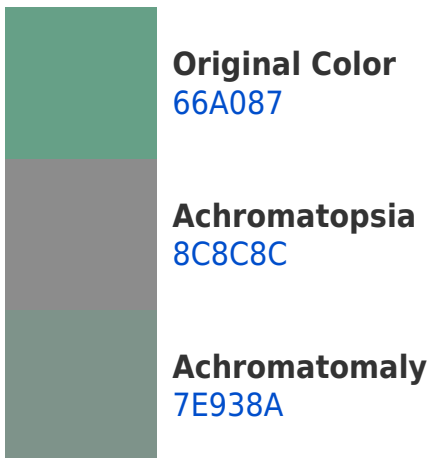


Tritanopia
6D9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66A087 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 #66A087 looks like.

```
.text, #text, p{  
    color:#66A087  
}
```

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 #66A087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A087
}
```

Border

The CSS property to change the border of an element to Hex 66A087 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
#66A087 }
```

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

```
.border{ border-color:#66A087 }
```

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

Here you see how a box with a 4 pixel #66A087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A087; -webkit-box-shadow:4px 4px  
4px 4px #66A087; box-shadow:4px 4px 4px  
4px #66A087 }
```

Background

The CSS property to change the background color of an element to Hex 66A087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A087 }
```

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

```
.background{ background-color:#66A087 }
```

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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