

Converting Colors

Hex(56A088)

Have a look what the booklet for
Hex(56A088) contains.

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Color

Hex(56A088)

Conversions

Conversions Part 1

Format	Color
Hex	56A088
RGB	86, 160, 136
RGB Percent	34%, 63%, 53%
CMY	0.6627, 0.3725, 0.4667
CMYK	0.46, 0.00, 0.15, 0.37
HSL	161°, 30%, 48%
HSV	161°, 46%, 63%
XYZ	20.8525, 28.8976, 27.7713
YIQ	135.1380, -36.4000, -23.1520

Conversions

Conversions Part 2

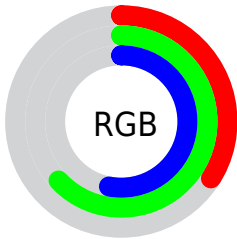
Format	Color
R _Y B	86, 130, 160
Decimal	5677192
CIE Lab	60.69, -29.00, 5.39
CIE LCh	61, 29.500, 169.472
Yxy	28.8976, 0.2690, 0.3728
Android (android.graphics.Color)	4283867272 (0xFF56A088)
YUV	135.1380, 0.4250, -43.0940
Hunter-Lab	53.7565, -24.8326, 6.9996

Details

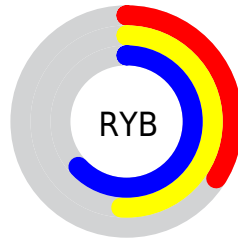
The Hex color **56A088** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A0566E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8CD7BD**, and **1E6C56** is the 20% darker color. If you saturate the color by 10%, you get **46A083**, and if you desaturate by 10%, it is **66A08D**.

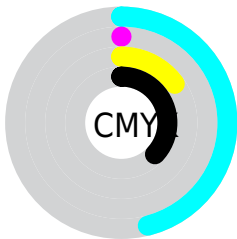
Distribution



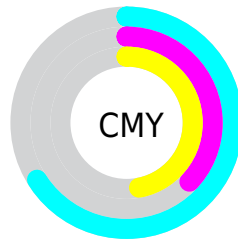
- Red (34%)
- Green (63%)
- Blue (53%)



- Red (34%)
- Yellow (51%)
- Blue (63%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (37%)



- Cyan (66%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A088 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 56A088 by changing the saturation by 10% instead.



56A088



56A088

FFFFFF



3B866F



8CD7BD



1E6C56



A7F4D9



00533F



C4FFF6



003C29



E0FFFF



002615

FEFFFF



000500



000000



56A088



56A088



46A083



66A08D

 36A07E

 76A092

 26A078

 86A098

 16A073

 96A09D

 06A06E

 A6A0A2

 00A06C

 B6A0A7

 C6A0AC

 D6A0B2

 E6A0B7

Harmonies

Analogous

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



759C70



56A088



3CA0A3

Triad

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



56A088



898FC3



BF856C

Complementary

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



56A088



A0566E

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.



C67F82



56A088



AA86B4

Square

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



56A088



6198C5



C0809D



AD8E5F

Rectangle

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



56A088



399FB3



C0809D



C38373

Sweetspot

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



56A088



B4D1C8



6FA056



576963



E8E8E8



696969

Same Dimension

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



56A088



5CD1AB



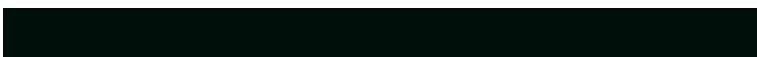
5694A0



474F4C



008F60



000F0A

Inverse Universe

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



A0566E



D15C82



A06256



4F474A



8F002E



0F0005

Previews

White Background



This preview shows how the Hex color 56A088 looks on a white background.

Color Contrast Check

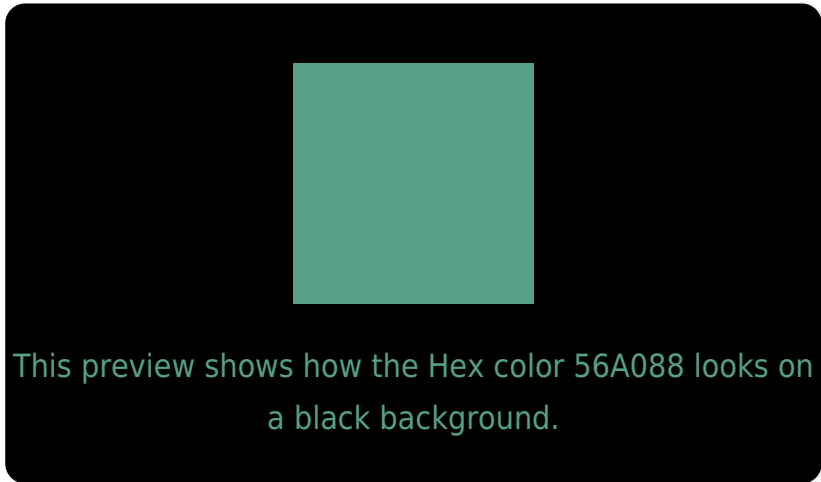
Large Text (above 18pt) WCAG AA ✓ Pass

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

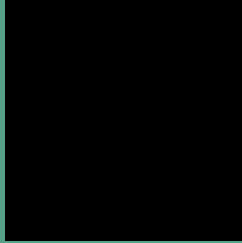
Any Text WCAG AA ✓ Pass

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 56A088 Background



This preview shows how black text looks on a background with the Hex color 56A088.

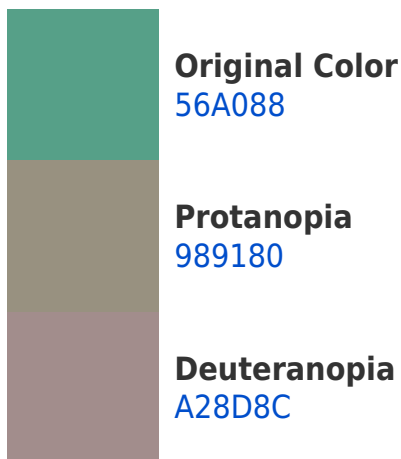


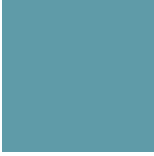
This preview shows how white text looks on a background with the Hex color 56A088.

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
5F9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56A088 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 #56A088 looks like.

```
.text, #text, p{  
    color:#56A088  
}
```

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 #56A088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A088
}
```

Border

The CSS property to change the border of an element to Hex 56A088 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
#56A088 }
```

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

```
.border{ border-color:#56A088 }
```

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

Here you see how a box with a 4 pixel #56A088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A088; -webkit-box-shadow:4px 4px  
4px 4px #56A088; box-shadow:4px 4px 4px  
4px #56A088 }
```

Background

The CSS property to change the background color of an element to Hex 56A088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A088 }
```

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

```
.background{ background-color:#56A088 }
```

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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