

Converting Colors

Hex(6DA388)

Have a look what the booklet for
Hex(6DA388) contains.

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Color

Hex(6DA388)

Conversions

Conversions Part 1

Format	Color
Hex	6DA388
RGB	109, 163, 136
RGB Percent	43%, 64%, 53%
CMY	0.5725, 0.3608, 0.4667
CMYK	0.33, 0.00, 0.17, 0.36
HSL	150°, 23%, 53%
HSV	150°, 33%, 64%
XYZ	23.8478, 31.2232, 28.0623
YIQ	143.7760, -23.5170, -19.8450

Conversions

Conversions Part 2

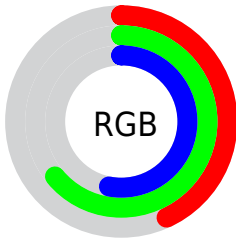
Format	Color
RYB	109, 145, 163
Decimal	7185288
CIELab	62.70, -23.85, 8.40
CIELCh	63, 25.283, 160.584
Yxy	31.2232, 0.2869, 0.3756
Android (android.graphics.Color)	4285375368 (0xFF6DA388)
YUV	143.7760, -3.8336, -30.4986
Hunter-Lab	55.8777, -21.6047, 9.3384

Details

The Hex color **6DA388** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A36D88**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A2DABD**, and **3B6F56** is the 20% darker color. If you saturate the color by 10%, you get **5DA380**, and if you desaturate by 10%, it is **7DA390**.

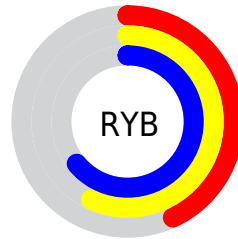
Distribution



Red (43%)

Green (64%)

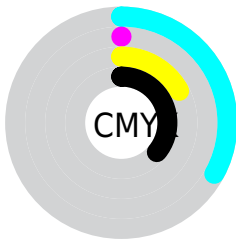
Blue (53%)



Red (43%)

Yellow (57%)

Blue (64%)

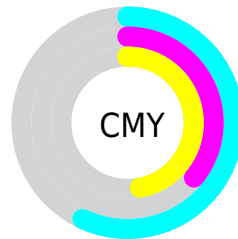


Cyan (33%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA388 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 6DA388 by changing the saturation by 10% instead.



6DA388



6DA388

FFFFFF



54896F



A2DABD



3B6F56



BEF7D9



22563F



DAFFF6



053F29



F7FFFF



002815



001100



000000



6DA388



6DA388



5DA380



7DA390

 4CA378

 8EA398

 3CA370

 9EA3A0

 2CA367

 AEA3A9

 1CA35F

 BFA3B1

 0BA357

 CFA3B9

 00A352

 DFA3C1

 EFA3C9

 FFA3D1

Harmonies

Analogous

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



879F75



6DA388



58A49F

Triad

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



6DA388



8797C3



C28A7B

Complementary

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



6DA388



A36D88

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.



C58790



6DA388



A58FBA

Square

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



6DA388



679EC1



BB89A7



B5916E

Rectangle

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



6DA388



53A3AE



BB89A7



C48982

Sweetspot

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



6DA388



BED4C9



88A36D



5E6B65



EBEBEB



6B6B6B

Same Dimension

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



6DA388



7FD4A9



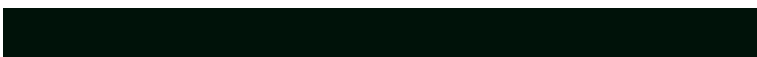
6DA3A3



49524E



009149



001209

Inverse Universe

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



A36D88



D47FA9



A36D6D



52494E



910049



120009

Previews

White Background



This preview shows how the Hex color 6DA388 looks on a white background.

Color Contrast Check

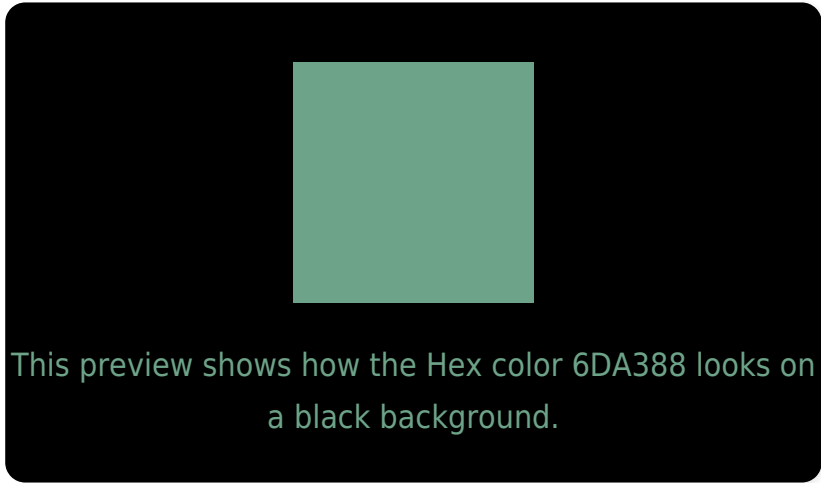
Large Text (above 18pt) WCAG AA × Fail

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

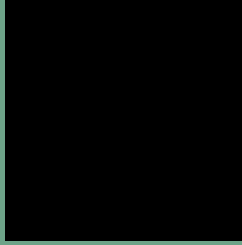
Any Text WCAG AA ✓ Pass

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 6DA388 Background



This preview shows how black text looks on a background with the Hex color 6DA388.

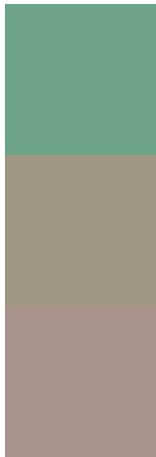


This preview shows how white text looks on a background with the Hex color 6DA388.

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
6DA388

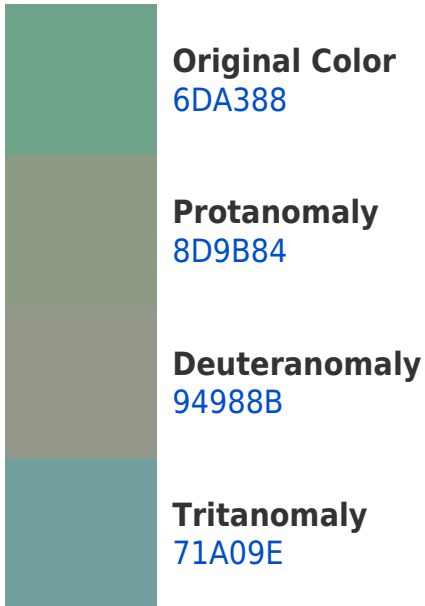
Protanopia
9F9782

Deuteranopia
AA928C

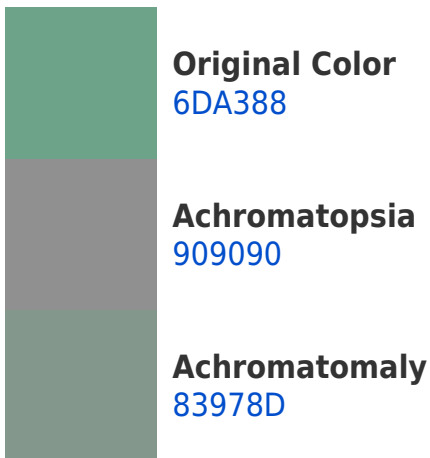


Tritanopia
749EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA388 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 #6DA388 looks like.

```
.text, #text, p{  
    color:#6DA388  
}
```

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 #6DA388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA388
}
```

Border

The CSS property to change the border of an element to Hex 6DA388 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
#6DA388 }
```

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

```
.border{ border-color:#6DA388 }
```

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

Here you see how a box with a 4 pixel #6DA388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA388; -webkit-box-shadow:4px 4px  
4px 4px #6DA388; box-shadow:4px 4px 4px  
4px #6DA388 }
```

Background

The CSS property to change the background color of an element to Hex 6DA388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA388 }
```

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

```
.background{ background-color:#6DA388 }
```

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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