

Converting Colors

Hex(6AA383)

Have a look what the booklet for
Hex(6AA383) contains.

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Color

Hex(6AA383)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6AA383 |
| RGB | 106, 163, 131 |
| RGB Percent | 42%, 64%, 51% |
| CMY | 0.5843, 0.3608, 0.4863 |
| CMYK | 0.35, 0.00, 0.20, 0.36 |
| HSL | 146°, 24%, 53% |
| HSV | 146°, 35%, 64% |
| XYZ | 23.1378, 30.8973, 26.2170 |
| YIQ | 142.3090, -23.7000, -22.0360 |

Conversions

Conversions Part 2

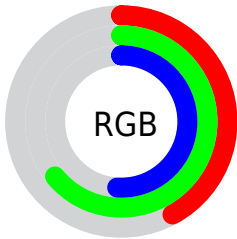
| Format | Color |
|-------------------------------------|---|
| RYB | 106, 146, 163 |
| Decimal | 6988675 |
| CIELab | 62.42, -25.82, 10.78 |
| CIELCh | 62, 27.983, 157.333 |
| Yxy | 30.8973, 0.2883, 0.3850 |
| Android (android.graphics.Color) | 4285178755 (0xFF6AA383) |
| YUV | 142.3090, -5.5753, -31.8430 |
| Hunter-Lab | 55.5853, -22.9723, 10.9454 |

Details

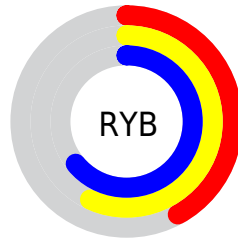
The Hex color **6AA383** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A36A8A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9FDAB8**, and **376F52** is the 20% darker color. If you saturate the color by 10%, you get **5AA37A**, and if you desaturate by 10%, it is **7AA38C**.

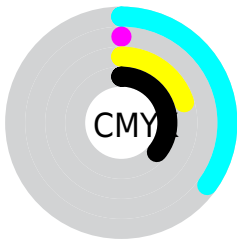
Distribution



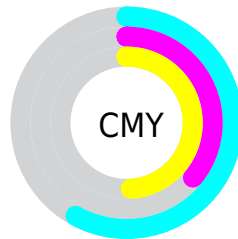
- Red (42%)
- Green (64%)
- Blue (51%)



- Red (42%)
- Yellow (57%)
- Blue (64%)



- Cyan (35%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)



- Cyan (58%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AA383 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 6AA383 by changing the saturation by 10% instead.



6AA383



6AA383

FFFFFF



50896A



9FDAB8



376F52



BBF7D4



1E563B



D7FFF0



003F25



F4FFFF



002810



001000



000000



6AA383



6AA383



5AA37A



7AA38C

 49A371

 8BA395

 39A368

 9BA39E

 29A35E

 ABA3A8

 19A355

 BBA3B1

 08A34C

 CCA3BA

 00A347

 DCA3C3

 ECA3CC

 FDA3D5

Harmonies

Analogous

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



879E6F



6AA383



50A59C

Triad

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



6AA383



7F97C8



C6887A

Complementary

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



6AA383



A36A8A

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.



C88492



6AA383



A28EBE

Square

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



6AA383



5B9FC4



BC87AB



B88F6A

Rectangle

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



6AA383



46A4AD



BC87AB



C88681

Sweetspot

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



6AA383



BED4C8



8AA36A



5E6B64



EBEBEB



6B6B6B

Same Dimension

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



6AA383



7BD4A2



6AA39F



49524D



009140



001208

Inverse Universe

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



A36A8A



D47BAD



A36A6E



52494E



910052



12000A

Previews

White Background



This preview shows how the Hex color 6AA383 looks on a white background.

Color Contrast Check

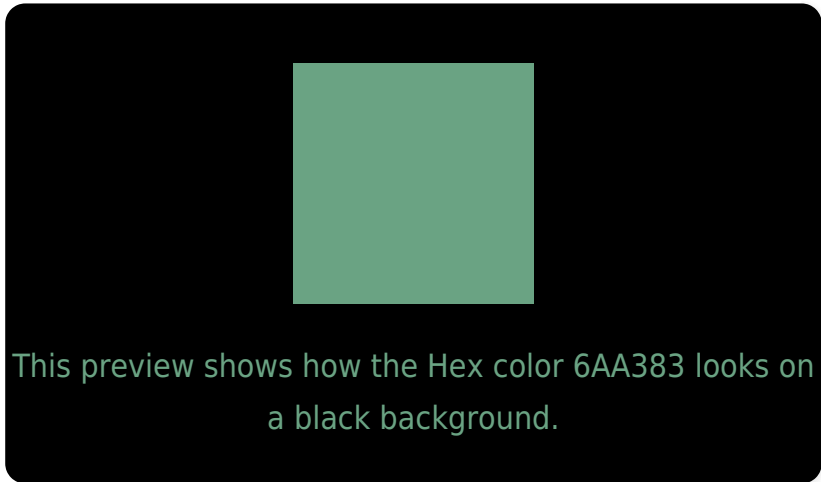
Large Text (above 18pt) WCAG AA × Fail

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

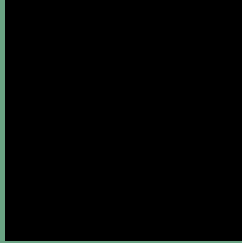
Any Text WCAG AA ✓ Pass

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 6AA383 Background



This preview shows how black text looks on a background with the Hex color 6AA383.



This preview shows how white text looks on a background with the Hex color 6AA383.

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

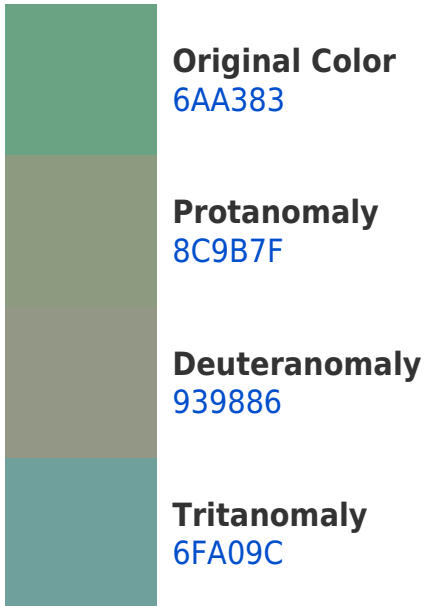


Original Color
6AA383

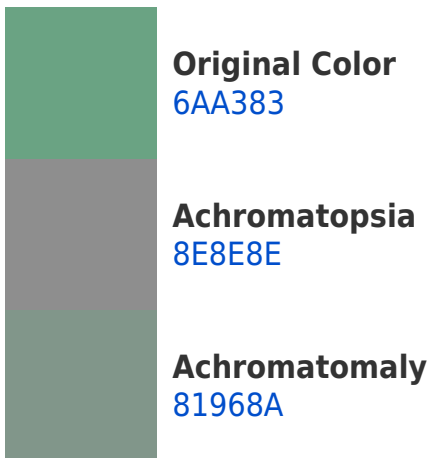
Protanopia
9F967D

Deuteranopia
AA9187

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AA383 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 #6AA383 looks like.

```
.text, #text, p{  
    color:#6AA383  
}
```

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 #6AA383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA383
}
```

Border

The CSS property to change the border of an element to Hex 6AA383 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
#6AA383 }
```

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

```
.border{ border-color:#6AA383 }
```

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

Here you see how a box with a 4 pixel #6AA383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA383; -webkit-box-shadow:4px 4px  
4px 4px #6AA383; box-shadow:4px 4px 4px  
4px #6AA383 }
```

Background

The CSS property to change the background color of an element to Hex 6AA383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA383 }
```

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

```
.background{ background-color:#6AA383 }
```

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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