

Converting Colors

Hex(6DA393)

Have a look what the booklet for
Hex(6DA393) contains.

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Color

Hex(6DA393)

Conversions

Conversions Part 1

Format	Color
Hex	6DA393
RGB	109, 163, 147
RGB Percent	43%, 64%, 58%
CMY	0.5725, 0.3608, 0.4235
CMYK	0.33, 0.00, 0.10, 0.36
HSL	162°, 23%, 53%
HSV	162°, 33%, 64%
XYZ	24.6703, 31.5522, 32.3937
YIQ	145.0300, -27.0480, -16.4240

Conversions

Conversions Part 2

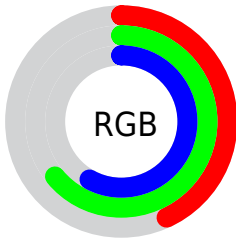
Format	Color
RYB	109, 141, 163
Decimal	7185299
CIELab	62.97, -21.45, 2.64
CIELCh	63, 21.610, 172.978
Yxy	31.5522, 0.2784, 0.3561
Android (android.graphics.Color)	4285375379 (0xFF6DA393)
YUV	145.0300, 0.9712, -31.5983
Hunter-Lab	56.1713, -19.9030, 5.1277

Details

The Hex color **6DA393** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A36D7D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A2DAC9**, and **3A6F61** is the 20% darker color. If you saturate the color by 10%, you get **5DA38E**, and if you desaturate by 10%, it is **7DA398**.

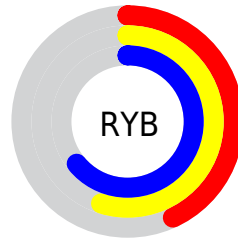
Distribution



Red (43%)

Green (64%)

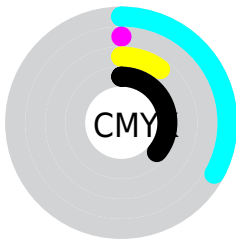
Blue (58%)



Red (43%)

Yellow (55%)

Blue (64%)

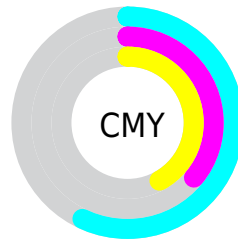


Cyan (33%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA393 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 6DA393 by changing the saturation by 10% instead.

 6DA393

 6DA393

FFFFFF

 538979

 A2DAC9

 3A6F61

 BEF7E5

 215649

 DAFFFF

 033F32

 F7FFFF

 00281D

 001204

 000000

 6DA393

 6DA393

 5DA38E

 7DA398

 4CA389

 8EA39D

 3CA385

 9EA3A1

 2CA380

 AEA3A6

 1CA37B

 BFA3AB

 0BA376

 CFA3B0

 00A373

 DFA3B5

 EFA3BA

 FFA3BE

Harmonies

Analogous

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



81A081



6DA393



62A3A7

Triad

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



6DA393



9695BC



BA8F7A

Complementary

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



6DA393



A36D7D

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.



C08B8A



6DA393



AD8FB0

Square

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



6DA393



7B9CBE



BC8B9E



AB9673

Rectangle

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



6DA393



63A2B2



BC8B9E



BD8E7F

Sweetspot

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



6DA393



BED4CD



7DA36D



5E6B67



EBEBEB



6B6B6B

Same Dimension

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



6DA393



7FD4BB



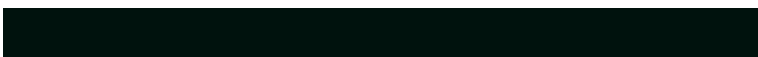
6D98A3



49524F



009166



00120D

Inverse Universe

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



A36D7D



D47F98



A3786D



52494C



91002B



120005

Previews

White Background



This preview shows how the Hex color 6DA393 looks on a white background.

Color Contrast Check

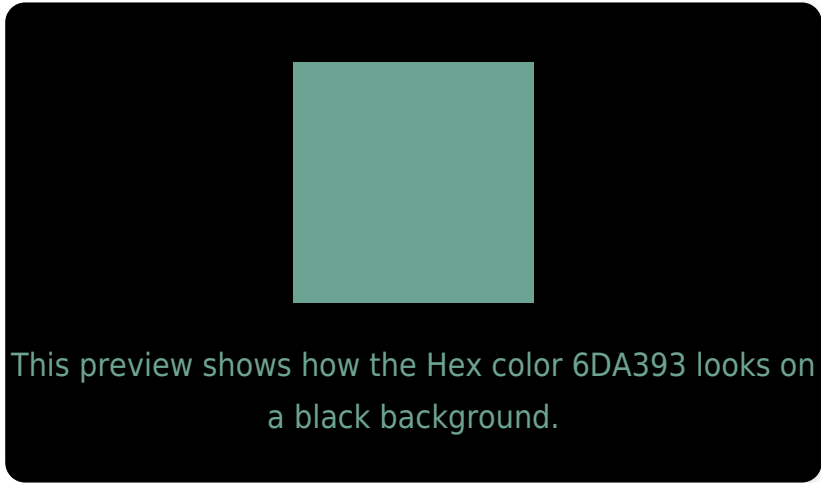
Large Text (above 18pt) WCAG AA × Fail

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

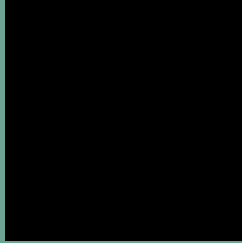
Any Text WCAG AA ✓ Pass

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 6DA393 Background



This preview shows how black text looks on a background with the Hex color 6DA393.

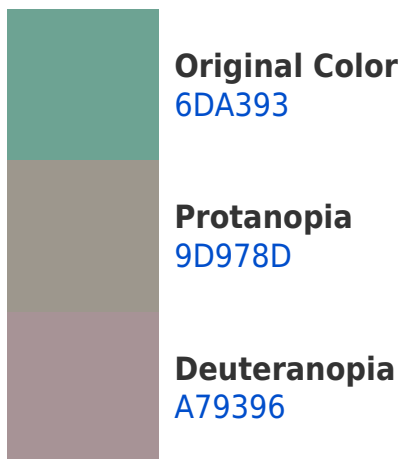


This preview shows how white text looks on a background with the Hex color 6DA393.

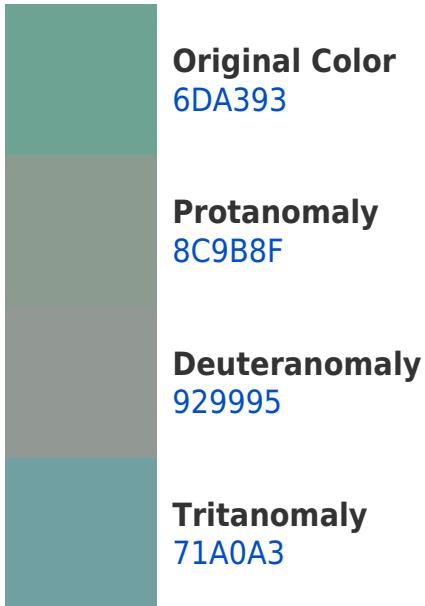
Color Blindness Simulation

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](#).

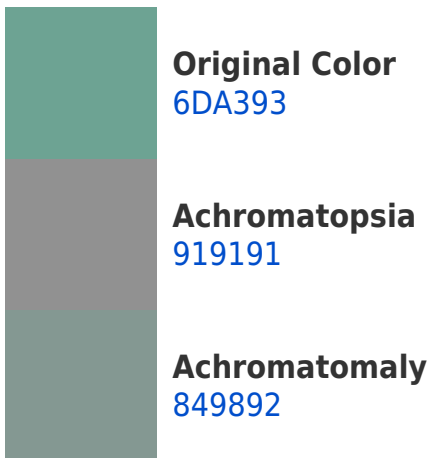
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA393 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 #6DA393 looks like.

```
.text, #text, p{  
    color:#6DA393  
}
```

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 #6DA393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA393
}
```

Border

The CSS property to change the border of an element to Hex 6DA393 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
#6DA393 }
```

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

```
.border{ border-color:#6DA393 }
```

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

Here you see how a box with a 4 pixel #6DA393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA393; -webkit-box-shadow:4px 4px  
4px 4px #6DA393; box-shadow:4px 4px 4px  
4px #6DA393 }
```

Background

The CSS property to change the background color of an element to Hex 6DA393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA393 }
```

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

```
.background{ background-color:#6DA393 }
```

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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