

Converting Colors

Hex(60A683)

Have a look what the booklet for
Hex(60A683) contains.

Hex(60A683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(60A683)

Conversions

Conversions Part 1

Format	Color
Hex	60A683
RGB	96, 166, 131
RGB Percent	38%, 65%, 51%
CMY	0.6235, 0.3490, 0.4863
CMYK	0.42, 0.00, 0.21, 0.35
HSL	150°, 28%, 51%
HSV	150°, 42%, 65%
XYZ	22.5568, 31.3979, 26.3443
YIQ	141.0800, -30.4850, -25.7250

Conversions

Conversions Part 2

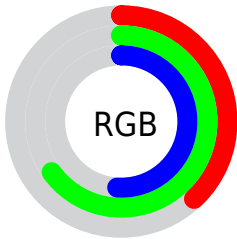
Format	Color
RYB	96, 143, 166
Decimal	6334083
CIELab	62.84, -30.27, 11.31
CIELCh	63, 32.317, 159.515
Yxy	31.3979, 0.2809, 0.3910
Android (android.graphics.Color)	4284524163 (0xFF60A683)
YUV	141.0800, -4.9694, -39.5352
Hunter-Lab	56.0339, -26.2028, 11.3486

Details

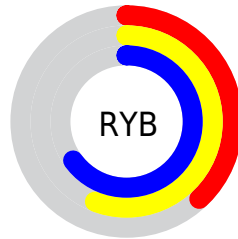
The Hex color **60A683** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A66083**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **96DDB8**, and **2B7252** is the 20% darker color. If you saturate the color by 10%, you get **4FA67B**, and if you desaturate by 10%, it is **71A68B**.

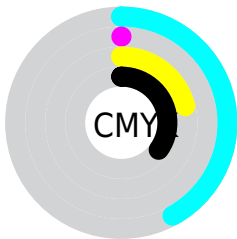
Distribution



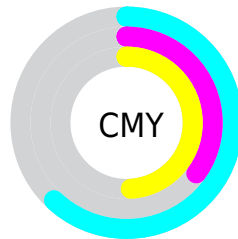
- Red (38%)
- Green (65%)
- Blue (51%)



- Red (38%)
- Yellow (56%)
- Blue (65%)



- Cyan (42%)
- Magenta (0%)
- Yellow (21%)
- Black (35%)



- Cyan (62%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60A683 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 60A683 by changing the saturation by 10% instead.



60A683



60A683

FFFFFF



468B6A



96DDB8



2B7252



B1FAD4



0B593A



CDFFF0



004125



EAFFFF



002A10



001200



000000



60A683



60A683



4FA67B



71A68B

 3FA672

 81A694

 2EA66A

 92A69C

 1EA662

 A2A6A4

 0DA65A

 B3A6AC

 00A653

 C4A6B5

 D4A6BD

 E5A6C5

 F5A6CE

Harmonies

Analogous

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



83A16B



60A683



3CA8A1

Triad

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



60A683



7E98D0



CD8675

Complementary

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



60A683



A66083

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.



D08290



60A683



A78DC4

Square

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



60A683



50A0CD



C485AD



BC8F63

Rectangle

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



60A683



2DA7B3



C485AD



D0847D

Sweetspot

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



60A683



BDD9CB



83A660



5C6E65



EDEDED



6E6E6E

Same Dimension

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



60A683



6AD9A1



60A6A6



4C5450



00944A



00140A

Inverse Universe

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



A66083



D96AA1



A66060



544C50



94004A



14000A

Previews

White Background



This preview shows how the Hex color 60A683 looks on a white background.

Color Contrast Check

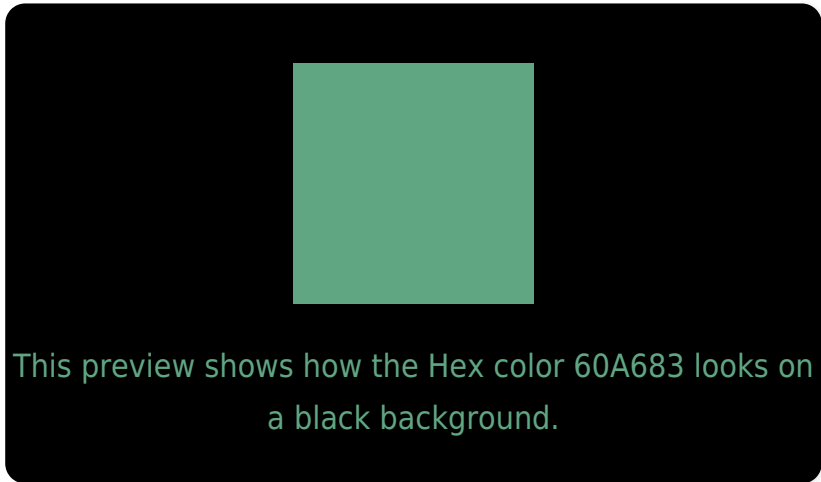
Large Text (above 18pt) WCAG AA × Fail

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

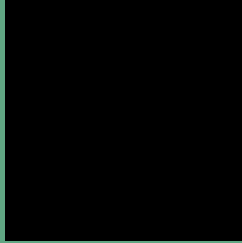
Any Text WCAG AA ✓ Pass

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 60A683 Background



This preview shows how black text looks on a background with the Hex color 60A683.



This preview shows how white text looks on a background with the Hex color 60A683.

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
60A683

Protanopia
A0977C

Deuteranopia
AC9287



Tritanopia
6AA0AD

Trichromacy



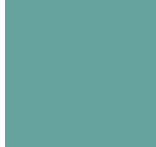
Original Color
60A683



Protanomaly
899C7F



Deuteranomaly
909986



Tritanomaly
66A29E

Monochromacy



Original Color
60A683



Achromatopsia
8D8D8D



Achromatomaly
7D9689

CSS Examples

Text

The CSS property to change the color of the text to Hex 60A683 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 #60A683 looks like.

```
.text, #text, p{  
    color:#60A683  
}
```

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 #60A683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A683
}
```

Border

The CSS property to change the border of an element to Hex 60A683 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
#60A683 }
```

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

```
.border{ border-color:#60A683 }
```

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

Here you see how a box with a 4 pixel #60A683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A683; -webkit-box-shadow:4px 4px  
4px 4px #60A683; box-shadow:4px 4px 4px  
4px #60A683 }
```

Background

The CSS property to change the background color of an element to Hex 60A683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A683 }
```

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

```
.background{ background-color:#60A683 }
```

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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