

Converting Colors

Hex(60A170)

Have a look what the booklet for
Hex(60A170) contains.

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Color

Hex(60A170)

Conversions

Conversions Part 1

Format	Color
Hex	60A170
RGB	96, 161, 112
RGB Percent	38%, 63%, 44%
CMY	0.6235, 0.3686, 0.5608
CMYK	0.40, 0.00, 0.30, 0.37
HSL	135°, 26%, 50%
HSV	135°, 40%, 63%
XYZ	20.4934, 29.1464, 19.8749
YIQ	135.9790, -23.0110, -29.0190

Conversions

Conversions Part 2

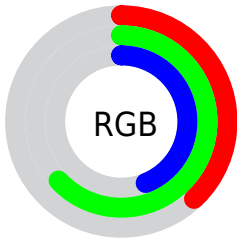
Format	Color
R_{YB}	96, 148, 161
Decimal	6332784
CIE _{Lab}	60.91, -31.69, 19.15
CIE _{LCh}	61, 37.028, 148.853
Yxy	29.1464, 0.2948, 0.4193
Android (android.graphics.Color)	4284522864 (0xFF60A170)
YUV	135.9790, -11.8216, -35.0616
Hunter-Lab	53.9874, -26.7201, 15.9641

Details

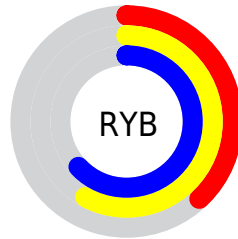
The Hex color **60A170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A16091**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **95D8A4**, and **2C6D40** is the 20% darker color. If you saturate the color by 10%, you get **50A164**, and if you desaturate by 10%, it is **70A17C**.

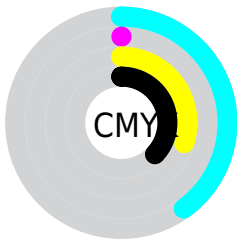
Distribution



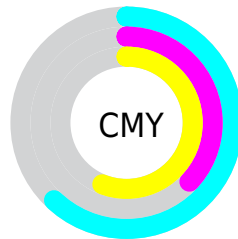
- Red (38%)
- Green (63%)
- Blue (44%)



- Red (38%)
- Yellow (58%)
- Blue (63%)



- Cyan (40%)
- Magenta (0%)
- Yellow (30%)
- Black (37%)



- Cyan (62%)
- Magenta (37%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60A170 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 60A170 by changing the saturation by 10% instead.

 60A170

 60A170

FFFFFF

 468757

 95D8A4

 2C6D40

 B1F5BF

 0E5429

 CDFFD8

 003C14

 EAFFF8

 002600

 000600

 000000

 60A170

 60A170

 50A164

 70A17C

 40A158

 80A188

 30A14C

 90A194

 20A13F

 A0A1A1

 10A133

 B1A1AD

 00A128

 C1A1B9

 D1A1C5

 E1A1D1

 F1A1DD

Harmonies

Analogous

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



879A58



60A170



2CA491

Triad

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



60A170



5E97D4



D17C75

Complementary

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



60A170



A16091

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.



CF7996



60A170



948BCC

Square

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



60A170



069FCA



BB7FB5



C3855C

Rectangle

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



60A170



00A4A7



BB7FB5



D27A7F

Sweetspot

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



60A170



B8D1BE



92A160



5A695E



E8E8E8



696969

Same Dimension

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



60A170



6DD185



60A190



49524B



009124



001204

Inverse Universe

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



A16091



D16DB8



A16071



524950



91006E



12000D

Previews

White Background



This preview shows how the Hex color 60A170 looks on a white background.

Color Contrast Check

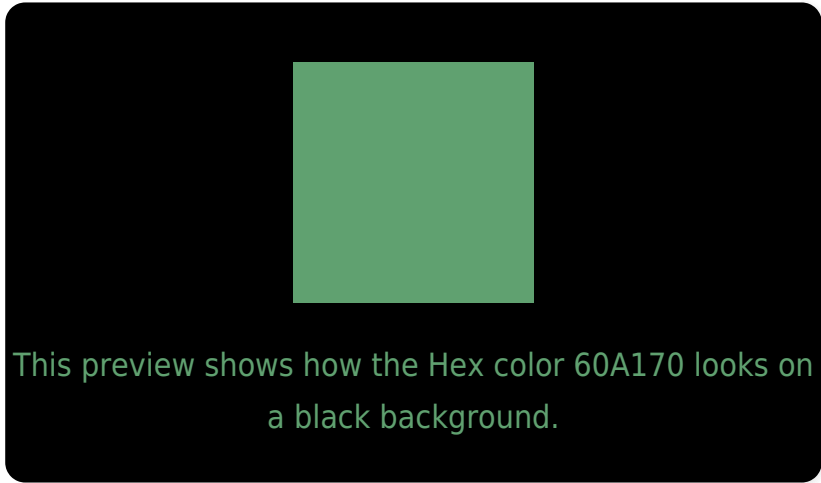
Large Text (above 18pt) WCAG AA ✓ Pass

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

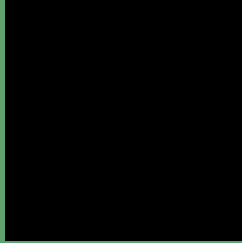
Any Text WCAG AA ✓ Pass

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 60A170 Background



This preview shows how black text looks on a background with the Hex color 60A170.



This preview shows how white text looks on a background with the Hex color 60A170.

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
60A170

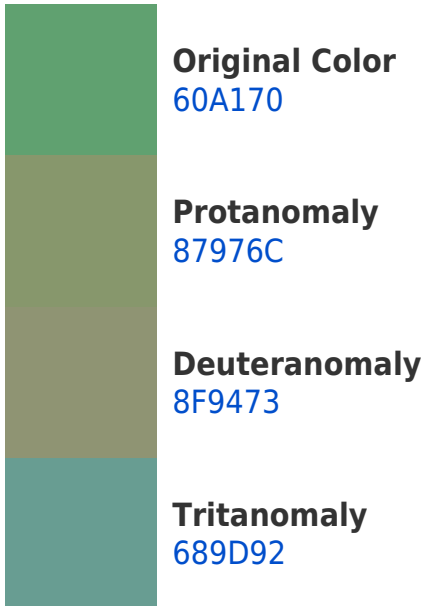
Protanopia
9D9269

Deuteranopia
AA8C74

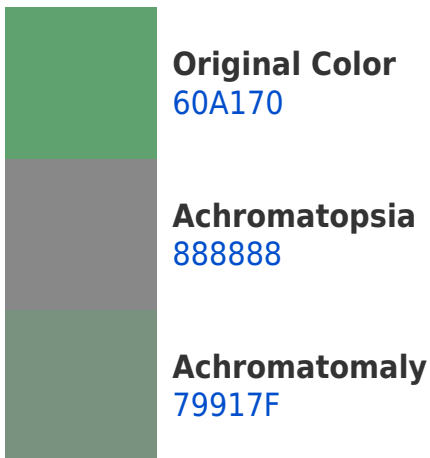


Tritanopia
6C9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60A170 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 #60A170 looks like.

```
.text, #text, p{  
    color:#60A170  
}
```

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 #60A170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A170
}
```

Border

The CSS property to change the border of an element to Hex 60A170 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
#60A170 }
```

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

```
.border{ border-color:#60A170 }
```

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

Here you see how a box with a 4 pixel #60A170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A170; -webkit-box-shadow:4px 4px  
4px 4px #60A170; box-shadow:4px 4px 4px  
4px #60A170 }
```

Background

The CSS property to change the background color of an element to Hex 60A170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A170 }
```

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

```
.background{ background-color:#60A170 }
```

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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