

Converting Colors

Hex(63A05E)

Have a look what the booklet for
Hex(63A05E) contains.

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Color

Hex(63A05E)

Conversions

Conversions Part 1

Format	Color
Hex	63A05E
RGB	99, 160, 94
RGB Percent	39%, 63%, 37%
CMY	0.6118, 0.3725, 0.6314
CMYK	0.38, 0.00, 0.41, 0.37
HSL	115°, 26%, 50%
HSV	115°, 41%, 63%
XYZ	19.7368, 28.6024, 15.0703
YIQ	134.2370, -15.1700, -33.4580

Conversions

Conversions Part 2

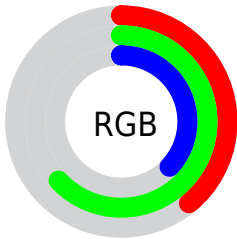
Format	Color
R_{YB}	94, 160, 155
Decimal	6529118
CIE Lab	60.43, -33.35, 28.32
CIE LCh	60, 43.753, 139.664
Yxy	28.6024, 0.3113, 0.4511
Android (android.graphics.Color)	4284719198 (0xFF63A05E)
YUV	134.2370, -19.8368, -30.9028
Hunter-Lab	53.4812, -27.7183, 20.7298

Details

The Hex color **63A05E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B5EA0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **98D791**, and **2F6C2E** is the 20% darker color. If you saturate the color by 10%, you get **54A04E**, and if you desaturate by 10%, it is **72A06E**.

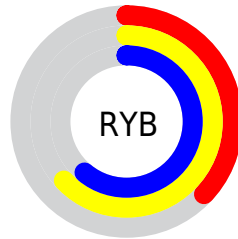
Distribution



Red (39%)

Green (63%)

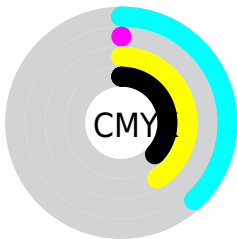
Blue (37%)



Red (37%)

Yellow (63%)

Blue (61%)

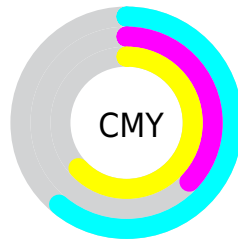


Cyan (38%)

Magenta (0%)

Yellow (41%)

Black (37%)



Cyan (61%)

Magenta (37%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A05E 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 63A05E by changing the saturation by 10% instead.

63A05E

63A05E

FFFFFF

498646

98D791

2F6C2E

B4F4AC

135317

D0FFC8

003B00

EDFFE4

002600

000300

000000

63A05E

63A05E

54A04E

72A06E

 45A03E

 81A07E

 37A02E

 8FA08E

 28A01E

 9EA09E

 19A00E

 ADA0AE

 0CA000

 BCA0BE

 CBA0CE

 D9A0DE

 E8A0EE

Harmonies

Analogous

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



909746



63A05E



19A583

Triad

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



63A05E



249ADD



DB737A

Complementary

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



63A05E



9B5EA0

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.



D373A1



63A05E



7F8DDA

Square

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



63A05E



00A2CC



B47EC4



CF7D58

Rectangle

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



63A05E



00A69D



B47EC4



DA7187

Sweetspot

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



63A05E



BAD1B8



A09B5E



5B695A



E8E8E8



696969

Same Dimension

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



63A05E



70D169



5EA07A



484F47



0B8F00



010F00

Inverse Universe

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



9B5EA0



C969D1



A05E84



4E474F



84008F



0E000F

Previews

White Background



This preview shows how the Hex color 63A05E 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 63A05E Background



This preview shows how black text looks on a background with the Hex color 63A05E.

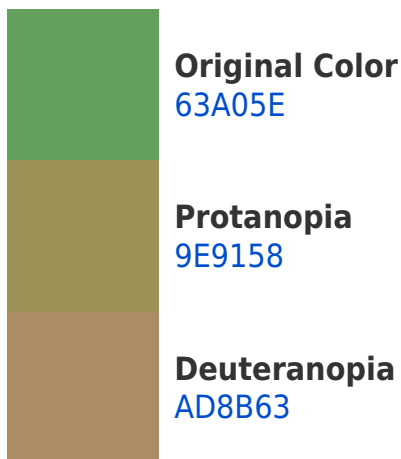


This preview shows how white text looks on a background with the Hex color 63A05E.

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](#).

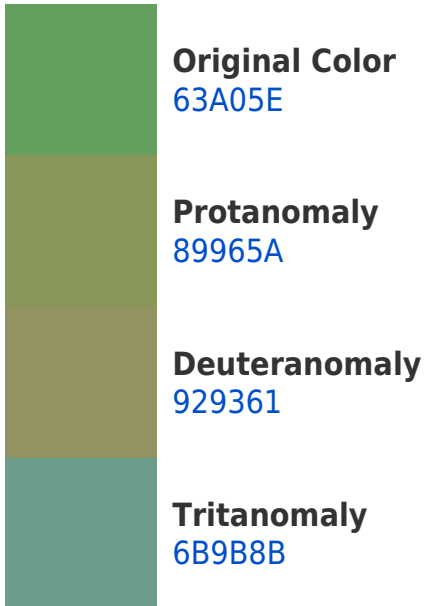
Dichromacy



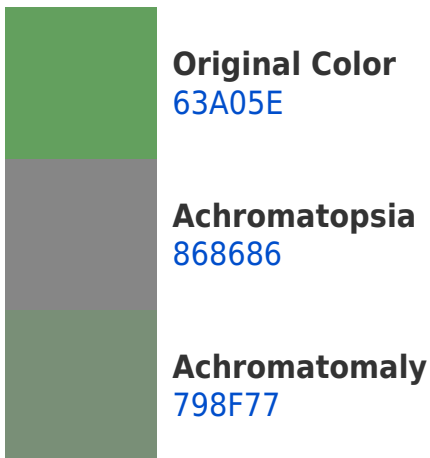


Tritanopia
7098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63A05E 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 #63A05E looks like.

```
.text, #text, p{  
    color:#63A05E  
}
```

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 #63A05E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A05E
}
```

Border

The CSS property to change the border of an element to Hex 63A05E 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
#63A05E }
```

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

```
.border{ border-color:#63A05E }
```

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

Here you see how a box with a 4 pixel #63A05E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A05E; -webkit-box-shadow:4px 4px  
4px 4px #63A05E; box-shadow:4px 4px 4px  
4px #63A05E }
```

Background

The CSS property to change the background color of an element to Hex 63A05E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A05E }
```

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

```
.background{ background-color:#63A05E }
```

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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