

Converting Colors

Hex(63A572)

Have a look what the booklet for
Hex(63A572) contains.

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Color

Hex(63A572)

Conversions

Conversions Part 1

Format	Color
Hex	63A572
RGB	99, 165, 114
RGB Percent	39%, 65%, 45%
CMY	0.6118, 0.3529, 0.5529
CMYK	0.40, 0.00, 0.31, 0.35
HSL	134°, 27%, 52%
HSV	134°, 40%, 65%
XYZ	21.6380, 30.7778, 20.7199
YIQ	139.4520, -22.9650, -29.8530

Conversions

Conversions Part 2

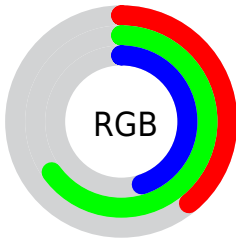
Format	Color
RYB	99, 153, 165
Decimal	6530418
CIELab	62.32, -32.28, 20.00
CIELCh	62, 37.974, 148.225
Yxy	30.7778, 0.2959, 0.4208
Android (android.graphics.Color)	4284720498 (0xFF63A572)
YUV	139.4520, -12.5478, -35.4764
Hunter-Lab	55.4778, -27.4657, 16.6908

Details

The Hex color **63A572** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A56396**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **98DCA6**, and **2F7142** is the 20% darker color. If you saturate the color by 10%, you get **52A565**, and if you desaturate by 10%, it is **73A57F**.

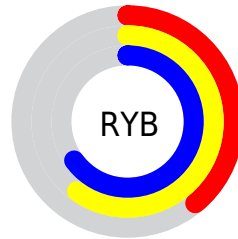
Distribution



Red (39%)

Green (65%)

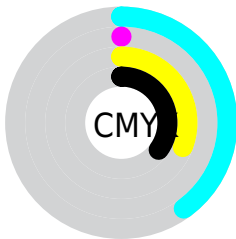
Blue (45%)



Red (39%)

Yellow (60%)

Blue (65%)

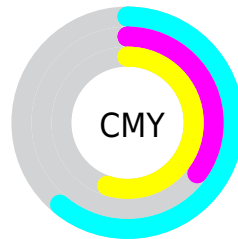


Cyan (40%)

Magenta (0%)

Yellow (31%)

Black (35%)



Cyan (61%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A572 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 63A572 by changing the saturation by 10% instead.

 63A572

 63A572

FFFFFF

 498A59

 98DCA6

 2F7142

 B4F9C1

 12582B

 D0FFDD

 004015

 EDFFFA

 002900

 000F00

 000000

 63A572

 63A572

 52A565

 73A57F

 42A559

 84A58B

 32A54C

 94A598

 21A53F

 A5A5A5

 10A532

 B6A5B2

 00A526

 C6A5BE

 D6A5CB

 E7A5D8

 F7A5E5

Harmonies

Analogous

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



8C9E5A



63A572



2EA893

Triad

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



63A572



5F9BDA



D77E79

Complementary

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



63A572



A56396

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.



D47C9A



63A572



978FD2

Square

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



63A572



00A3CF



BF83BB



C8885E

Rectangle

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



63A572



00A8AB



BF83BB



D87D83

Sweetspot

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



63A572



BCD6C2



97A563



5C6B60



EBEBEB



6B6B6B

Same Dimension

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



63A572



6FD687



63A592



49524B



009121



001204

Inverse Universe

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



A56396



D66FBF



A56376



524950



910070



12000E

Previews

White Background



This preview shows how the Hex color 63A572 looks on a white background.

Color Contrast Check

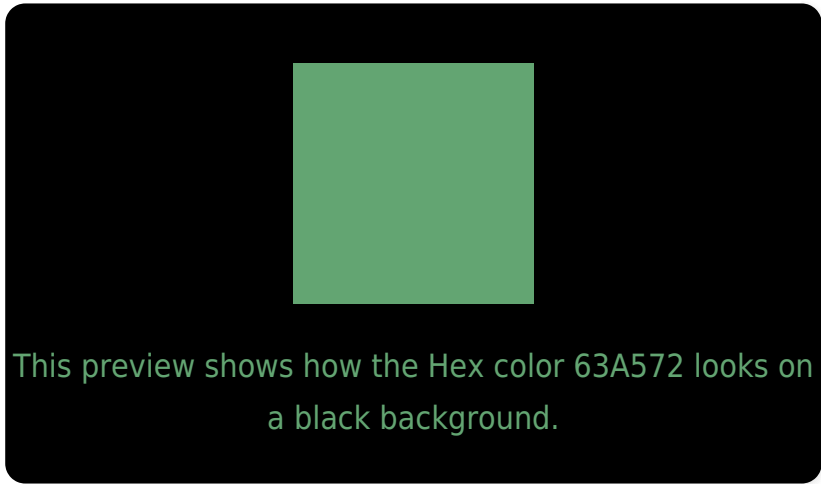
Large Text (above 18pt) WCAG AA × Fail

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

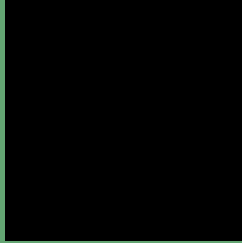
Any Text WCAG AA ✓ Pass

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 63A572 Background



This preview shows how black text looks on a background with the Hex color 63A572.



This preview shows how white text looks on a background with the Hex color 63A572.

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
6F9EAB

Trichromacy



Original Color
63A572

Protanomaly
8A9B6E

Deuteranomaly
939875

Tritanomaly
6BA196

Monochromacy



Original Color
63A572

Achromatopsia
8B8B8B

Achromatomaly
7C9482

CSS Examples

Text

The CSS property to change the color of the text to Hex 63A572 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 #63A572 looks like.

```
.text, #text, p{  
    color:#63A572  
}
```

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 #63A572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A572
}
```

Border

The CSS property to change the border of an element to Hex 63A572 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
#63A572 }
```

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

```
.border{ border-color:#63A572 }
```

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

Here you see how a box with a 4 pixel #63A572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A572; -webkit-box-shadow:4px 4px  
4px 4px #63A572; box-shadow:4px 4px 4px  
4px #63A572 }
```

Background

The CSS property to change the background color of an element to Hex 63A572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A572 }
```

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

```
.background{ background-color:#63A572 }
```

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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