

# Converting Colors

Hex(619756)

Have a look what the booklet for  
Hex(619756) contains.

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# Color

Hex(619756)

# Conversions

## Conversions Part 1

Format	Color
Hex	619756
RGB	97, 151, 86
RGB Percent	38%, 59%, 34%
CMY	0.6196, 0.4078, 0.6627
CMYK	0.36, 0.00, 0.43, 0.41
HSL	110°, 27%, 46%
HSV	110°, 43%, 59%
XYZ	17.6761, 25.3465, 12.7648
YIQ	127.4440, -11.3190, -31.6630

# Conversions

## Conversions Part 2

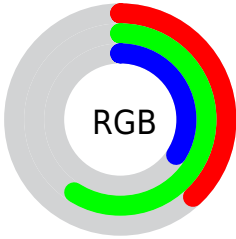
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 151, 140
Decimal	6395734
CIELab	57.41, -31.03, 28.69
CIELCh	57, 42.258, 137.247
Yxy	25.3465, 0.3168, 0.4543
Android (android.graphics.Color)	4284585814 (0xFF619756)
YUV	127.4440, -20.4319, -26.6994
Hunter-Lab	50.3453, -25.4334, 20.2090

# Details

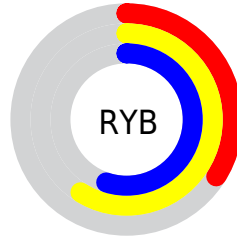
The Hex color **619756** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8C5697**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **96CE89**, and **2E6427** is the 20% darker color. If you saturate the color by 10%, you get **549747**, and if you desaturate by 10%, it is **6E9765**.

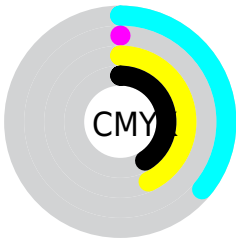
# Distribution



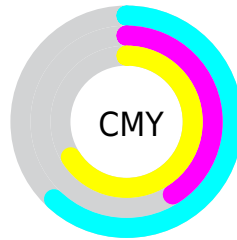
- Red (38%)
- Green (59%)
- Blue (34%)



- Red (34%)
- Yellow (59%)
- Blue (55%)



- Cyan (36%)
- Magenta (0%)
- Yellow (43%)
- Black (41%)




- Cyan (62%)
- Magenta (41%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 619756 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 619756 by changing the saturation by 10% instead.



 619756

 619756

FFFFFF

 477D3E

 96CE89

 2E6427

 B1EAA3

 134B10

 CDFFBF

 003400

 EAFFDB

 002100

 FFFFF7

 000000

 619756

 619756

 549747

 6E9765

 489738

 7A9774

■ 3B9729

■ 879783

■ 2F971A

■ 939792

■ 22970B

■ A097A2

■ 1A9700

■ AC97B1

■ B997C0

■ C597CF

■ D297DE

# Harmonies

## Analogous

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



8B8E41



619756



209C78

# Triad

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



619756



0B92D1



D06C76

# Complementary

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



619756



8C5697

# 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.



C66D9B



619756



7386D0

# Square

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



619756



009ABF



A878BC



C67555

# Rectangle

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



619756



009D92



A878BC



CF6B82



# Sweetspot

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



619756



AFC4AB



978B56



566354



E3E3E3



636363



# Same Dimension

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



619756



70C45E



56976B



464D45



188C00



020D00



# Inverse Universe

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



8C5697



B35EC4



975682



4B454D



75008C



0B000D



# Previews

## White Background



This preview shows how the Hex color 619756 looks on a white background.

## Color Contrast Check

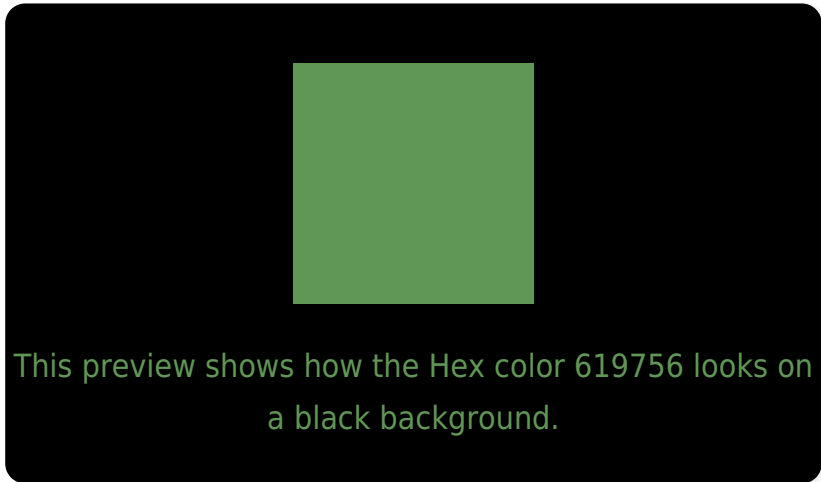
Large Text (above 18pt) WCAG AA ✓ Pass

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 619756 Background



This preview shows how black text looks on a background with the Hex color 619756.



This preview shows how white text looks on a background with the Hex color 619756.

# 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](#).

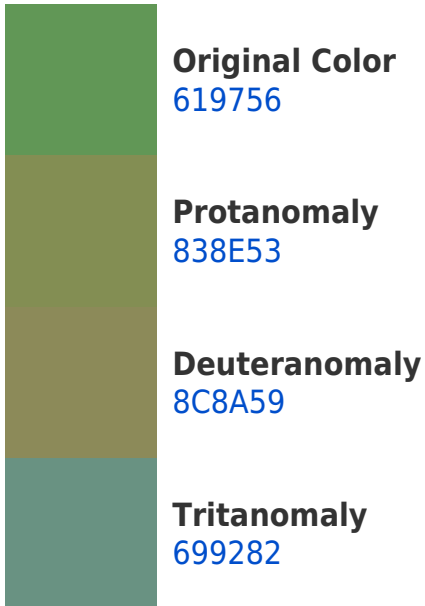
## Dichromacy





**Tritanopia**  
6D8F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 619756 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 #619756 looks like.

```
.text, #text, p{  
  color:#619756  
}
```

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 #619756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #619756
}
```

## Border

The CSS property to change the border of an element to Hex 619756 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
#619756 }
```

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

```
.border{ border-color:#619756 }
```

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

Here you see how a box with a 4 pixel #619756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #619756; -webkit-box-shadow:4px 4px  
4px 4px #619756; box-shadow:4px 4px 4px  
4px #619756 }
```

# Background

The CSS property to change the background color of an element to Hex 619756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#619756 }
```

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

```
.background{ background-color:#619756 }
```

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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