

Converting Colors

Hex(619E53)

Have a look what the booklet for
Hex(619E53) contains.

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Color

Hex(619E53)

Conversions

Conversions Part 1

Format	Color
Hex	619E53
RGB	97, 158, 83
RGB Percent	38%, 62%, 33%
CMY	0.6196, 0.3804, 0.6745
CMYK	0.39, 0.00, 0.47, 0.38
HSL	109°, 31%, 47%
HSV	109°, 47%, 62%
XYZ	18.7180, 27.6196, 12.5282
YIQ	131.2110, -12.2810, -36.2570

Conversions

Conversions Part 2

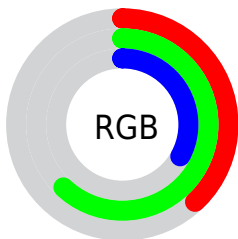
Format	Color
R_{YB}	83, 158, 144
Decimal	6397523
CIE _{Lab}	59.54, -34.72, 32.97
CIE _{LCh}	60, 47.880, 136.479
Yxy	27.6196, 0.3180, 0.4692
Android (android.graphics.Color)	4284587603 (0xFF619E53)
YUV	131.2110, -23.7680, -30.0030
Hunter-Lab	52.5544, -28.3950, 22.6542

Details

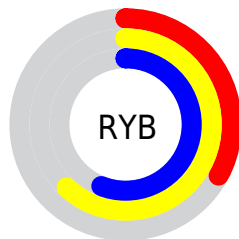
The Hex color **619E53** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **90539E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **97D586**, and **2D6A23** is the 20% darker color. If you saturate the color by 10%, you get **549E43**, and if you desaturate by 10%, it is **6E9E63**.

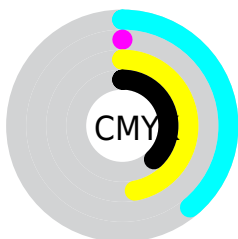
Distribution



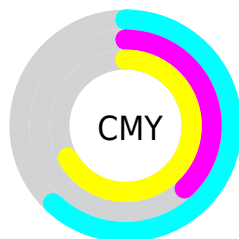
- Red (38%)
- Green (62%)
- Blue (33%)



- Red (33%)
- Yellow (62%)
- Blue (56%)



- Cyan (39%)
- Magenta (0%)
- Yellow (47%)
- Black (38%)




- Cyan (62%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 619E53 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 619E53 by changing the saturation by 10% instead.

 619E53

 619E53

FFFFFF

 47843B

 97D586

 2D6A23

 B2F2A0

 0E510A

 CEFFBC

 003A00

 EBFFD8

 002500

 FFFFFF4

 000000

 619E53

 619E53

 549E43

 6E9E63

 479E33

 7B9E73

 3A9E24

 889E82

 2E9E14

 949E92

 219E04

 A19EA2

 1D9E00

 AE9EB2

 BB9EC2

 C89ED1

 D59EE1

Harmonies

Analogous

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



91943A



619E53



00A37A

Triad

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



619E53



0099E1



DE6C7A

Complementary

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



619E53



90539E

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.



D36DA4



619E53



718CE0

Square

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



619E53



00A1CB



B07BCA



D37754

Rectangle

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



619E53



00A598



B07BCA



DD6B88

Sweetspot

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



619E53



B7CFB2



9E8F53



5A6957



E8E8E8



696969

Same Dimension

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



619E53



6FCF59



539E6A



494F47



1B8F00



030F00

Inverse Universe

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



90539E



B959CF



9E5388



4E474F



74008F



0C000F

Previews

White Background



This preview shows how the Hex color 619E53 looks on a white background.

Color Contrast Check

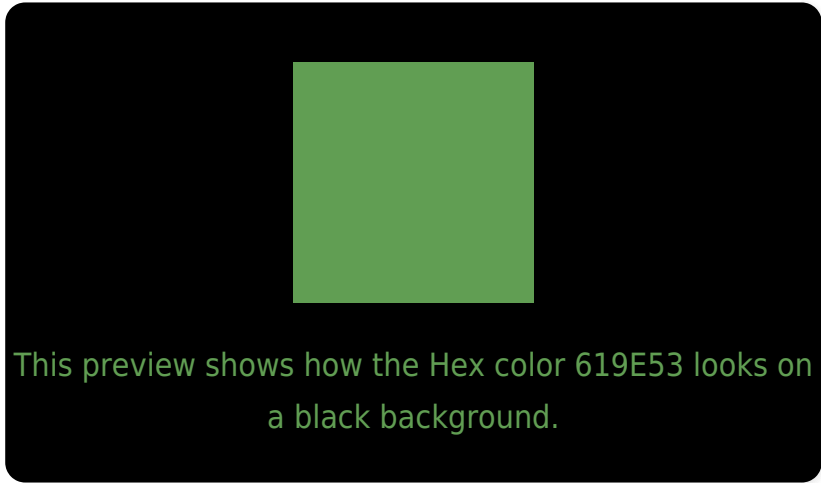
Large Text (above 18pt) WCAG AA ✓ Pass

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 619E53 Background



This preview shows how black text looks on a background with the Hex color 619E53.



This preview shows how white text looks on a background with the Hex color 619E53.

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
619E53

Protanopia
9D8F4E

Deuteranopia
AD8858



Tritanopia
6F95A1

Trichromacy



Original Color
619E53

Protanomaly
879450

Deuteranomaly
919056

Tritanomaly
6A9885

Monochromacy



Original Color
619E53

Achromatopsia
838383

Achromatomaly
778D72

CSS Examples

Text

The CSS property to change the color of the text to Hex 619E53 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 #619E53 looks like.

```
.text, #text, p{  
    color:#619E53  
}
```

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 #619E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #619E53
}
```

Border

The CSS property to change the border of an element to Hex 619E53 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
#619E53 }
```

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

```
.border{ border-color:#619E53 }
```

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

Here you see how a box with a 4 pixel #619E53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #619E53; -webkit-box-shadow:4px 4px  
4px 4px #619E53; box-shadow:4px 4px 4px  
4px #619E53 }
```

Background

The CSS property to change the background color of an element to Hex 619E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#619E53 }
```

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

```
.background{ background-color:#619E53 }
```

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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