

Converting Colors

Hex(618372)

Have a look what the booklet for
Hex(618372) contains.

Hex(618372)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(618372)

Conversions

Conversions Part 1

Format	Color
Hex	618372
RGB	97, 131, 114
RGB Percent	38%, 51%, 45%
CMY	0.6196, 0.4863, 0.5529
CMYK	0.26, 0.00, 0.13, 0.49
HSL	150°, 15%, 45%
HSV	150°, 26%, 51%
XYZ	16.0833, 19.9889, 18.9301
YIQ	118.8960, -14.8070, -12.4950

Conversions

Conversions Part 2

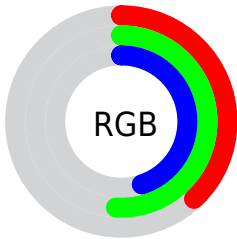
Format	Color
R_{YB}	97, 120, 131
Decimal	6390642
CIE _{Lab}	51.82, -15.79, 5.31
CIE _{LCh}	52, 16.662, 161.402
Yxy	19.9889, 0.2924, 0.3634
Android (android.graphics.Color)	4284580722 (0xFF618372)
YUV	118.8960, -2.4137, -19.2028
Hunter-Lab	44.7089, -14.0281, 6.1924

Details

The Hex color **618372** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **836172**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **94B8A6**, and **315142** is the 20% darker color. If you saturate the color by 10%, you get **54836B**, and if you desaturate by 10%, it is **6E8379**.

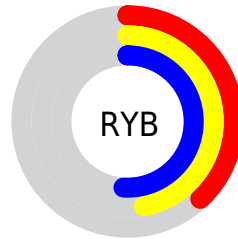
Distribution



Red (38%)

Green (51%)

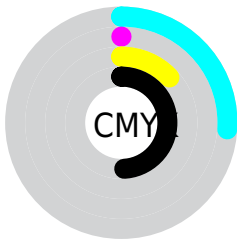
Blue (45%)



Red (38%)

Yellow (47%)

Blue (51%)

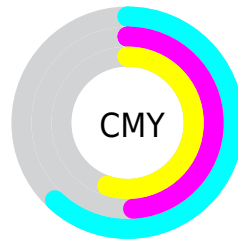


Cyan (26%)

Magenta (0%)

Yellow (13%)

Black (49%)



Cyan (62%)

Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 618372 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 618372 by changing the saturation by 10% instead.

618372

618372

FFFFFF

496A5A

94B8A6

315142

AFD4C1

1B3A2C

CBF0DD

042417

E7FFF9

000C00

000000

618372

618372

54836B

6E8379

478365

7B837F

■ 3A835E

■ 888386

■ 2D8358

■ 95838C

■ 1F8351

■ A38393

■ 12834B

■ B08399

■ 058344

■ BD83A0

■ 008342

■ CA83A6

■ D783AD

Harmonies

Analogous

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



718066



618372



568481

Triad

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



618372



727B97



977369

Complementary

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



618372



836172

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.



997177



618372



857691

Square

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



618372



607F96



937285



8E7861

Rectangle

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



618372



54838A



937285



99726D

Sweetspot

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



618372



9DABA4



728361



4E5752



D6D6D6



575757

Same Dimension

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



618372



76AB90



618383



3C423F



008241



000301

Inverse Universe

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



836172



AB7690



836161



423C3F



820041



030001

Previews

White Background



This preview shows how the Hex color 618372 looks on a white background.

Color Contrast Check

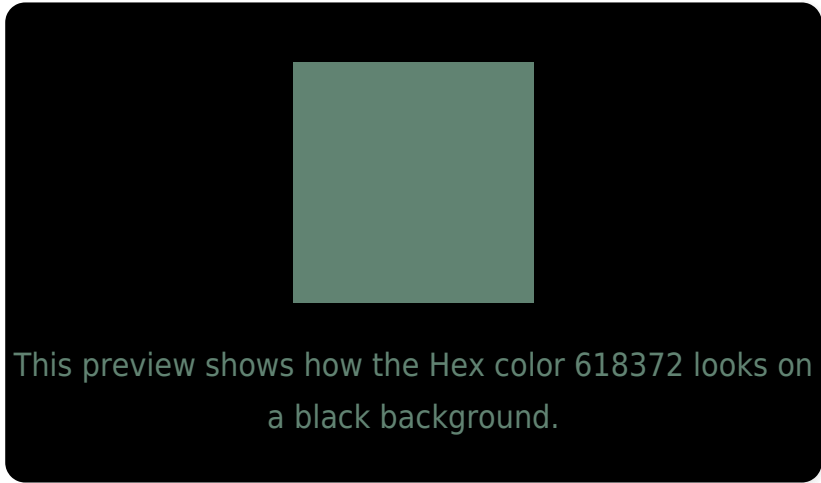
Large Text (above 18pt) WCAG AA ✓ Pass

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 618372 Background



This preview shows how black text looks on a background with the Hex color 618372.

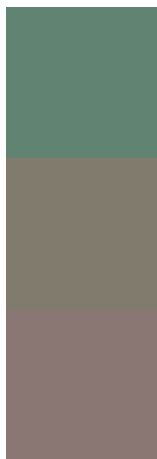


This preview shows how white text looks on a background with the Hex color 618372.

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
618372

Protanopia
817B6E

Deuteranopia
8A7774



Tritanopia
66808A

Trichromacy



Original Color
618372

Protanomaly
757E6F

Deuteranomaly
7B7B73

Tritanomaly
648181

Monochromacy



Original Color
618372

Achromatopsia
777777

Achromatomaly
6F7B75

CSS Examples

Text

The CSS property to change the color of the text to Hex 618372 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 #618372 looks like.

```
.text, #text, p{  
    color:#618372  
}
```

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 #618372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618372
}
```

Border

The CSS property to change the border of an element to Hex 618372 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
#618372 }
```

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

```
.border{ border-color:#618372 }
```

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

Here you see how a box with a 4 pixel #618372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618372; -webkit-box-shadow:4px 4px  
4px 4px #618372; box-shadow:4px 4px 4px  
4px #618372 }
```

Background

The CSS property to change the background color of an element to Hex 618372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618372 }
```

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

```
.background{ background-color:#618372 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor