

Converting Colors

Hex(618302)

Have a look what the booklet for
Hex(618302) contains.

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Color

Hex(618302)

Conversions

Conversions Part 1

Format	Color
Hex	618302
RGB	97, 131, 2
RGB Percent	38%, 51%, 1%
CMY	0.6196, 0.4863, 0.9922
CMYK	0.26, 0.00, 0.98, 0.49
HSL	76°, 97%, 26%
HSV	76°, 98%, 51%
XYZ	13.0570, 18.7784, 2.9938
YIQ	106.1280, 21.1450, -47.3270

Conversions

Conversions Part 2

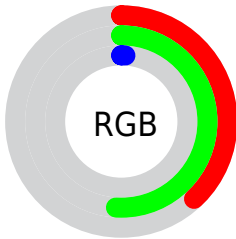
Format	Color
R_{YB}	2, 131, 36
Decimal	6390530
CIE _{Lab}	50.43, -28.33, 54.16
CIE _{LCh}	50, 61.126, 117.613
Yxy	18.7784, 0.3749, 0.5392
Android (android.graphics.Color)	4284580610 (0xFF618302)
YUV	106.1280, -51.3351, -8.0053
Hunter-Lab	43.3340, -22.0505, 26.2376

Details

The Hex color **618302** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **240283**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **97B843**, and **2D5100** is the 20% darker color. If you saturate the color by 10%, you get **608300**, and if you desaturate by 10%, it is **64830F**.

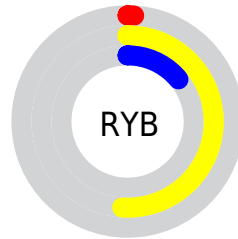
Distribution



Red (38%)

Green (51%)

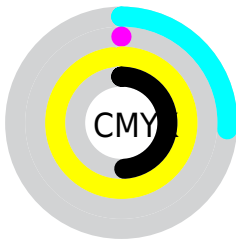
Blue (1%)



Red (1%)

Yellow (51%)

Blue (14%)

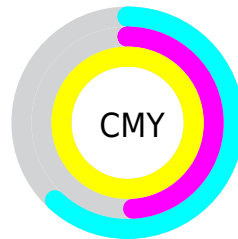


Cyan (26%)

Magenta (0%)

Yellow (98%)

Black (49%)



Cyan (62%)

Magenta (49%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 618302 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 618302 by changing the saturation by 10% instead.



618302



618302

FFFFFF



476A00



97B843



2D5100



B3D45D



0F3A00



D0F078



002500



EDFF93



000300



FFFFAF



000000



FFFFCB



FFFFE8



618302



618302

■ 608300

■ 64830F

■ 68831C

■ 6B8329

■ 6F8336

■ 728343

■ 768351

■ 79835E

■ 7D836B

■ 808378

Harmonies

Analogous

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



947400



618302



008B3C

Triad

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



618302



008BD0



D1417E

Complementary

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



618302



240283

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.



B253B1



618302



0080E1

Square

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



618302



008FA7



6D6CD5



D1484B

Rectangle

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



618302



008E60



6D6CD5



CA4590

Sweetspot

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



618302



9DAB78



832202



4E5737



D6D6D6



575757

Same Dimension

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



618302



7EAB00



228302



41423C



608200



020300

Inverse Universe

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



240283



2D00AB



630283



3D3C42



220082



010003

Previews

White Background



This preview shows how the Hex color 618302 looks on a white background.

Color Contrast Check

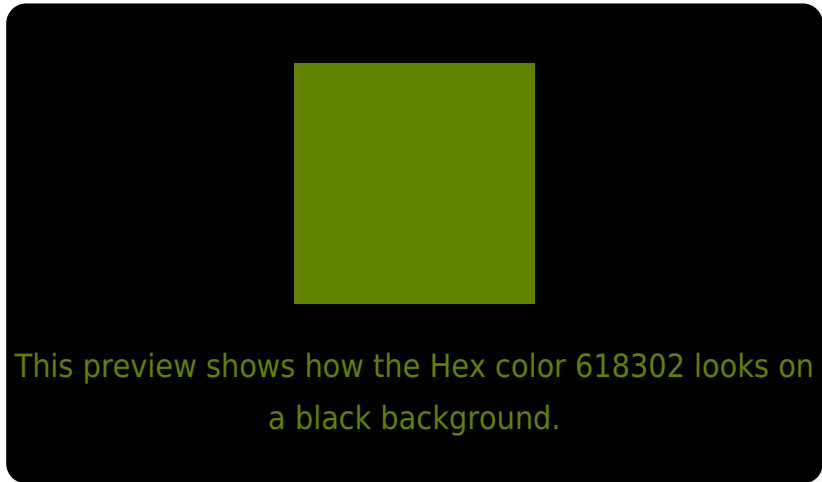
Large Text (above 18pt) WCAG AA ✓ Pass

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 618302 Background



This preview shows how black text looks on a background with the Hex color 618302.



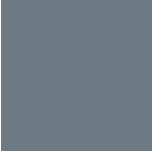
This preview shows how white text looks on a background with the Hex color 618302.

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
6D7A83

Trichromacy



Original Color
618302

Protanomaly
797C01

Deuteranomaly
837810

Tritanomaly
697D54

Monochromacy



Original Color
618302

Achromatopsia
6A6A6A

Achromatomaly
677344

CSS Examples

Text

The CSS property to change the color of the text to Hex 618302 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 #618302 looks like.

```
.text, #text, p{  
    color:#618302  
}
```

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 #618302 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618302
}
```

Border

The CSS property to change the border of an element to Hex 618302 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".

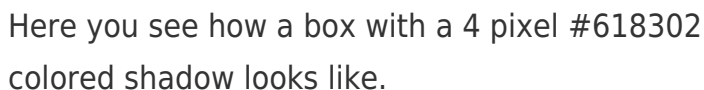
```
.border, #border, table{ border:4px solid
#618302 }
```

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

```
.border{ border-color:#618302 }
```

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

Here you see how a box with a 4 pixel #618302 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618302; -webkit-box-shadow:4px 4px  
4px 4px #618302; box-shadow:4px 4px 4px  
4px #618302 }
```

Background

The CSS property to change the background color of an element to Hex 618302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618302 }
```

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

```
.background{ background-color:#618302 }
```

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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