

# Converting Colors

Hex(618334)

Have a look what the booklet for  
Hex(618334) contains.

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**Color**

**Hex(618334)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	618334
RGB	97, 131, 52
RGB Percent	38%, 51%, 20%
CMY	0.6196, 0.4863, 0.7961
CMYK	0.26, 0.00, 0.60, 0.49
HSL	86°, 43%, 36%
HSV	86°, 60%, 51%
XYZ	13.6659, 19.0219, 6.2001
YIQ	111.8280, 5.0950, -31.7770

# Conversions

## Conversions Part 2

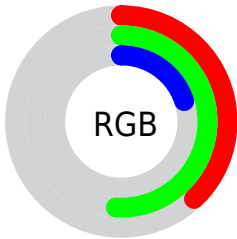
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 131, 86
Decimal	6390580
CIELab	50.71, -25.61, 38.08
CIElCh	51, 45.891, 123.928
Yxy	19.0219, 0.3514, 0.4891
Android (android.graphics.Color)	4284580660 (0xFF618334)
YUV	111.8280, -29.4952, -13.0042
Hunter-Lab	43.6141, -20.3942, 22.1013

# Details

The Hex color **618334** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **563483**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **96B866**, and **2F5100** is the 20% darker color. If you saturate the color by 10%, you get **5B8327**, and if you desaturate by 10%, it is **678341**.

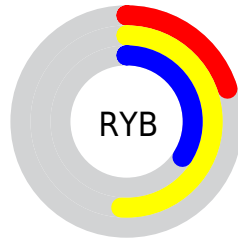
# Distribution



Red (38%)

Green (51%)

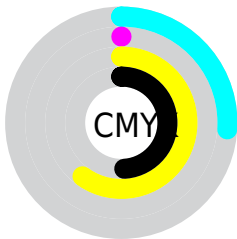
Blue (20%)



Red (20%)

Yellow (51%)

Blue (34%)

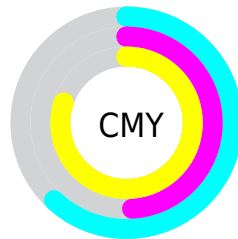


Cyan (26%)

Magenta (0%)

Yellow (60%)

Black (49%)



Cyan (62%)

Magenta (49%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 618334 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 618334 by changing the saturation by 10% instead.





618334



618334

FFFFFF



486A1B



96B866



2F5100



B1D47F



173A00



CDF09A



002400



EAFFB5



000500



FFFFD1



000000



FFFEE



618334



618334



5B8327



678341

■ 56831A

■ 6C834E

■ 50830D

■ 72835B

■ 4B8300

■ 788368

■ 7D8376

■ 838383

■ 888390

■ 8E839D

■ 9483AA

# Harmonies

## Analogous

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



897825



618334



248955

# Triad

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



618334



0086BF



C05575

# Complementary

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



618334



563483

# 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.



AD5D9C



618334



317BC7

# Square

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



618334



008BA3



816CBA



BD5C4F

# Rectangle

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



618334



008B6F



816CBA



BC5682



# Sweetspot

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



618334



9EAB8C



835534



4E5744



D6D6D6



575757



# Same Dimension

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



618334



76AB30



3B8334



3F423C



4A8200



010300



# Inverse Universe

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



563483



6530AB



7C3483



3F3C42



380082



010003



# Previews

## White Background



This preview shows how the Hex color 618334 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

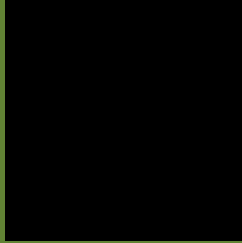
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 618334 Background



This preview shows how black text looks on a background with the Hex color 618334.



This preview shows how white text looks on a background with the Hex color 618334.

# 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



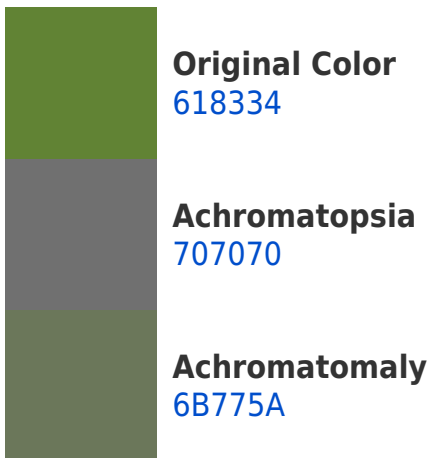


**Tritanopia**  
6C7B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 618334 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 #618334 looks like.

```
.text, #text, p{  
    color:#618334  
}
```

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 #618334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618334
}
```

## Border

The CSS property to change the border of an element to Hex 618334 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
#618334 }
```

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

```
.border{ border-color:#618334 }
```

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

Here you see how a box with a 4 pixel #618334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618334; -webkit-box-shadow:4px 4px  
4px 4px #618334; box-shadow:4px 4px 4px  
4px #618334 }
```

# Background

The CSS property to change the background color of an element to Hex 618334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618334 }
```

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

```
.background{ background-color:#618334 }
```

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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