

# Converting Colors

Hex(659852)

Have a look what the booklet for  
Hex(659852) contains.

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# Color

Hex(659852)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	659852
RGB	101, 152, 82
RGB Percent	40%, 60%, 32%
CMY	0.6039, 0.4039, 0.6784
CMYK	0.34, 0.00, 0.46, 0.40
HSL	104°, 30%, 46%
HSV	104°, 46%, 60%
XYZ	18.1181, 25.8324, 12.0139
YIQ	128.7710, -7.9260, -32.5820

# Conversions

## Conversions Part 2

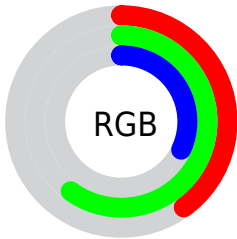
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 152, 133
Decimal	6658130
CIELab	57.88, -30.68, 31.45
CIElCh	58, 43.935, 134.291
Yxy	25.8324, 0.3237, 0.4616
Android (android.graphics.Color)	4284848210 (0xFF659852)
YUV	128.7710, -23.0581, -24.3552
Hunter-Lab	50.8256, -25.3139, 21.5632

# Details

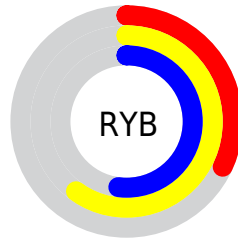
The Hex color **659852** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **855298**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9ACF85**, and **326523** is the 20% darker color. If you saturate the color by 10%, you get **5A9843**, and if you desaturate by 10%, it is **709861**.

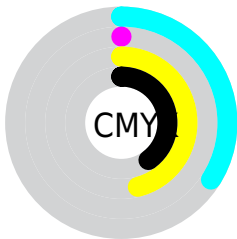
# Distribution



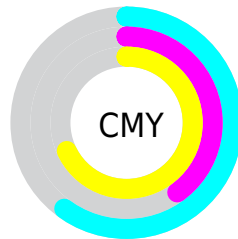
- Red (40%)
- Green (60%)
- Blue (32%)



- Red (32%)
- Yellow (60%)
- Blue (52%)



- Cyan (34%)
- Magenta (0%)
- Yellow (46%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 659852 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 659852 by changing the saturation by 10% instead.





659852



659852

FFFFFF



4B7E3A



9ACF85



326523



B6EB9F



184C0A



D2FFBA



003500



EEFFD6



002100



FFFFFF3



000000



659852



659852



5A9843



709861



4F9834



7B9870

 449824

 869880

 399815

 91988F

 2E9806

 9C989E

 299800

 A798AD

 B398BC

 BE98CC

 C998DB

# Harmonies

## Analogous

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



908F3D



659852



249D75

# Triad

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



659852



0095D5



D46B7A

# Complementary

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



659852



855298

# 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.



C86DA1



659852



6C89D5

# Square

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



659852



009CC0



A67AC2



CB7457

# Rectangle

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



659852



009F90



A67AC2



D26A87



# Sweetspot

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



659852



B0C4A9



988452



576353



E3E3E3



636363



# Same Dimension

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



659852



76C458



529861



474D45



268C00



030D00



# Inverse Universe

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



855298



A758C4



985289



4A454D



66008C



09000D



# Previews

## White Background



This preview shows how the Hex color 659852 looks on a white background.

## Color Contrast Check

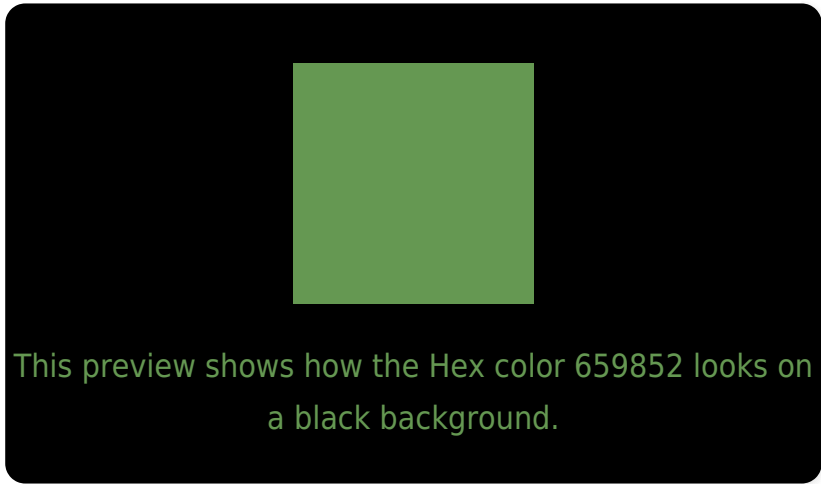
Large Text (above 18pt) WCAG AA ✓ Pass

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 659852 Background



This preview shows how black text looks on a background with the Hex color 659852.



This preview shows how white text looks on a background with the Hex color 659852.

# 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**  
71909B

# Trichromacy



**Original Color**  
659852

**Protanomaly**  
85904F

**Deuteranomaly**  
8F8B55

**Tritanomaly**  
6D9380

# Monochromacy



**Original Color**  
659852

**Achromatopsia**  
818181

**Achromatomaly**  
778970

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 659852 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 #659852 looks like.

```
.text, #text, p{  
    color:#659852  
}
```

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 #659852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #659852
}
```

## Border

The CSS property to change the border of an element to Hex 659852 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
#659852 }
```

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

```
.border{ border-color:#659852 }
```

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

Here you see how a box with a 4 pixel #659852 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #659852; -webkit-box-shadow:4px 4px  
4px 4px #659852; box-shadow:4px 4px 4px  
4px #659852 }
```

# Background

The CSS property to change the background color of an element to Hex 659852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#659852 }
```

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

```
.background{ background-color:#659852 }
```

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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