

# Converting Colors

Hex(718136)

Have a look what the booklet for  
Hex(718136) contains.

<b>Hex(718136)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(718136)**

# Conversions

## Conversions Part 1

Format	Color
Hex	718136
RGB	113, 129, 54
RGB Percent	44%, 51%, 21%
CMY	0.5569, 0.4941, 0.7882
CMYK	0.12, 0.00, 0.58, 0.49
HSL	73°, 41%, 36%
HSV	73°, 58%, 51%
XYZ	15.3262, 19.4776, 6.4418
YIQ	115.6660, 14.5390, -26.7170

# Conversions

## Conversions Part 2

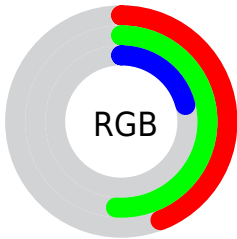
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 129, 70
Decimal	7438646
CIELab	51.24, -17.69, 38.00
CIELCh	51, 41.916, 114.959
Yxy	19.4776, 0.3716, 0.4722
Android (android.graphics.Color)	4285628726 (0xFF718136)
YUV	115.6660, -30.4013, -2.3381
Hunter-Lab	44.1334, -15.2459, 22.2393

# Details

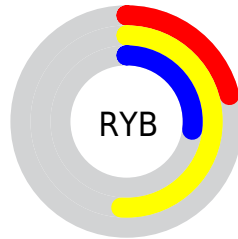
The Hex color **718136** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **463681**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A6B668**, and **3F5002** is the 20% darker color. If you saturate the color by 10%, you get **6E8129**, and if you desaturate by 10%, it is **748143**.

# Distribution



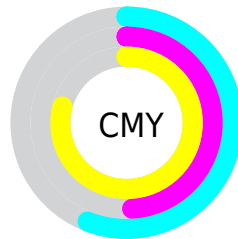
- Red (44%)
- Green (51%)
- Blue (21%)



- Red (21%)
- Yellow (51%)
- Blue (27%)



- Cyan (12%)
- Magenta (0%)
- Yellow (58%)
- Black (49%)



- Cyan (56%)
- Magenta (49%)
- Yellow (79%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 718136 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 718136 by changing the saturation by 10% instead.



 718136

 718136

FFFFFF

 57681E

 A6B668

 3F5002

 C2D181

 283900

 DFEE9C

 0E2300

 FCFFB7


 000800

 FFFFD3

 000000

 FFFFF0

 718136

 718136

 6E8129

 748143

■ 6B811C

■ 778150

■ 69810F

■ 79815D

■ 668102

■ 7C816A

■ 658100

■ 7F8177

■ 828183

■ 848190

■ 87819D

■ 8A81AA

# Harmonies

## Analogous

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



947630



718136



45884F

# Triad

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



718136



0088B4



B95C82

# Complementary

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



718136



463681

# 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.



A065A4



718136



1C80C1

# Square

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



718136



008C97



7273BB



BC5E5E

# Rectangle

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



718136



0D8B66



7273BB



B35E8E



# Sweetspot

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



718136



A2A88C



814536



515443



D4D4D4



545454



# Same Dimension

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



718136



8FA832



4D8136



3E4039



648000



000000



# Inverse Universe

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



463681



4C32A8



6B3681



3B3940



1B0080



000000



# Previews

## White Background



This preview shows how the Hex color 718136 looks on a white background.

## Color Contrast Check

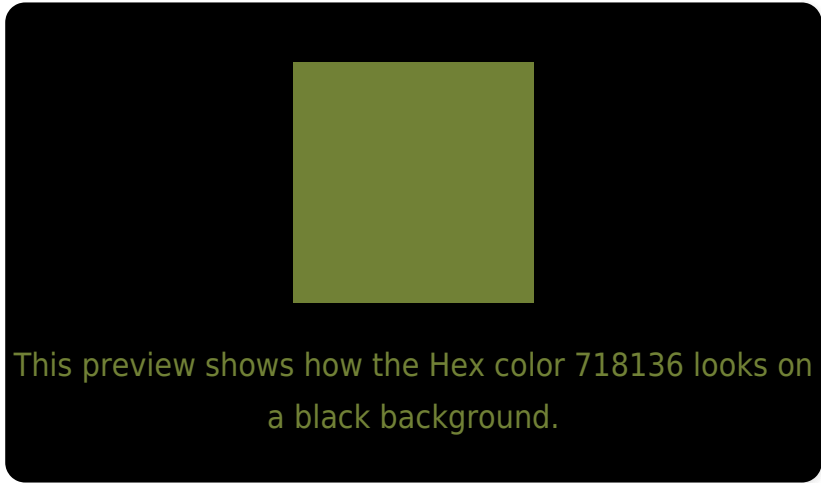
Large Text (above 18pt) WCAG AA ✓ Pass

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

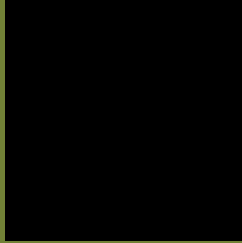
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 718136 Background



This preview shows how black text looks on a background with the Hex color 718136.



This preview shows how white text looks on a background with the Hex color 718136.

# 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**  
718136

**Protanopia**  
887A34

**Deuteranopia**  
96743A



**Tritanopia**  
7A7983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 718136 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 #718136 looks like.

```
.text, #text, p{  
    color:#718136  
}
```

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 #718136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #718136
}
```

## Border

The CSS property to change the border of an element to Hex 718136 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
#718136 }
```

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

```
.border{ border-color:#718136 }
```

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

Here you see how a box with a 4 pixel #718136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #718136; -webkit-box-shadow:4px 4px  
4px 4px #718136; box-shadow:4px 4px 4px  
4px #718136 }
```

# Background

The CSS property to change the background color of an element to Hex 718136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#718136 }
```

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

```
.background{ background-color:#718136 }
```

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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