

Converting Colors

Hex(4F6138)

Have a look what the booklet for
Hex(4F6138) contains.

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Color

Hex(4F6138)

Conversions

Conversions Part 1

Format	Color
Hex	4F6138
RGB	79, 97, 56
RGB Percent	31%, 38%, 22%
CMY	0.6902, 0.6196, 0.7804
CMYK	0.19, 0.00, 0.42, 0.62
HSL	86°, 27%, 30%
HSV	86°, 42%, 38%
XYZ	8.2130, 10.4972, 5.3347
YIQ	86.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

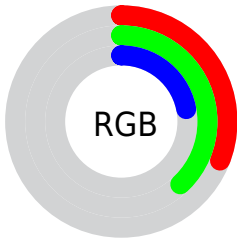
Format	Color
RYB	56, 97, 74
Decimal	5202232
CIELab	38.72, -14.81, 21.16
CIElCh	39, 25.832, 124.992
Yxy	10.4972, 0.3416, 0.4366
Android (android.graphics.Color)	4283392312 (0xFF4F6138)
YUV	86.9440, -15.2554, -6.9669
Hunter-Lab	32.3993, -11.4507, 12.9172

Details

The Hex color **4F6138** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A3861**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **819468**, and **21330C** is the 20% darker color. If you saturate the color by 10%, you get **4B612E**, and if you desaturate by 10%, it is **536142**.

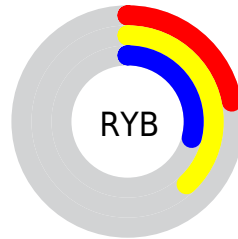
Distribution



Red (31%)

Green (38%)

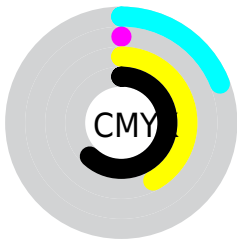
Blue (22%)



Red (22%)

Yellow (38%)

Blue (29%)

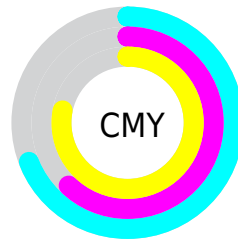


Cyan (19%)

Magenta (0%)

Yellow (42%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6138 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 4F6138 by changing the saturation by 10% instead.



4F6138



4F6138

FFFFFF



384922



819468



21330C



9BAE81



0A1E00



B6CA9B



000000



D2E6B6



EEFFD2



FFFEE



4F6138



4F6138



4B612E



536142

■ 466125

■ 58614B

■ 42611B

■ 5C6155

■ 3E6111

■ 60615F

■ 3A6107

■ 646168

■ 366100

■ 696172

■ 6D617C

■ 716186

■ 75618F

Harmonies

Analogous

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



655B31



4F6138



356549

Triad

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



4F6138



166281



834B58

Complementary

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



4F6138



4A3861

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.



784D6D



4F6138



425C85

Square

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



4F6138



006573



62547E



824D44

Rectangle

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



4F6138



206657



62547E



814B60

Sweetspot

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



4F6138



767D6D



614A38



3B4036



BFBFBF



404040

Same Dimension

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



4F6138



617D3D



3B6138



2E302C



3F7000



86F000

Inverse Universe

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



4A3861



593D7D



5E3861



2E2C30



310070



6900F0

Previews

White Background



This preview shows how the Hex color 4F6138 looks on a white background.

Color Contrast Check

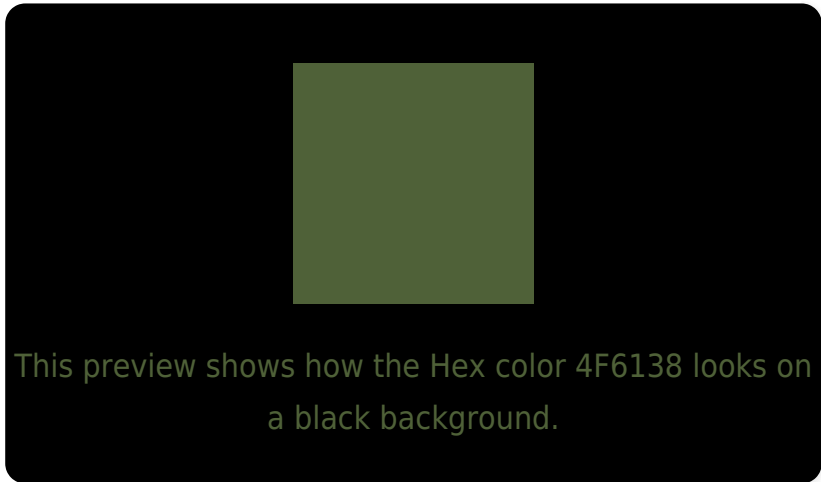
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

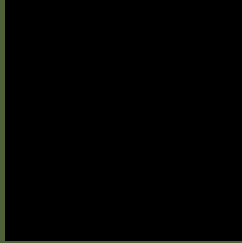
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4F6138 Background



This preview shows how black text looks on a background with the Hex color 4F6138.



This preview shows how white text looks on a background with the Hex color 4F6138.

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
4F6138

Protanopia
645B36

Deuteranopia
6E573A



Tritanopia
555C63

Trichromacy



Original Color
4F6138

Protanomaly
5C5D37

Deuteranomaly
635B39

Tritanomaly
535E53

Monochromacy



Original Color
4F6138

Achromatopsia
575757

Achromatomaly
545B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6138 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 #4F6138 looks like.

```
.text, #text, p{  
    color:#4F6138  
}
```

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 #4F6138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6138
}
```

Border

The CSS property to change the border of an element to Hex 4F6138 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
#4F6138 }
```

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

```
.border{ border-color:#4F6138 }
```

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

Here you see how a box with a 4 pixel #4F6138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6138; -webkit-box-shadow:4px 4px  
4px 4px #4F6138; box-shadow:4px 4px 4px  
4px #4F6138 }
```

Background

The CSS property to change the background color of an element to Hex 4F6138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6138 }
```

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

```
.background{ background-color:#4F6138 }
```

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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