

Converting Colors

Hex(4F5940)

Have a look what the booklet for
Hex(4F5940) contains.

Hex(4F5940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F5940)

Conversions

Conversions Part 1

Format	Color
Hex	4F5940
RGB	79, 89, 64
RGB Percent	31%, 35%, 25%
CMY	0.6902, 0.6510, 0.7490
CMYK	0.11, 0.00, 0.28, 0.65
HSL	84°, 16%, 30%
HSV	84°, 28%, 35%
XYZ	7.7222, 9.1772, 6.2149
YIQ	83.1600, 2.0650, -9.8950

Conversions

Conversions Part 2

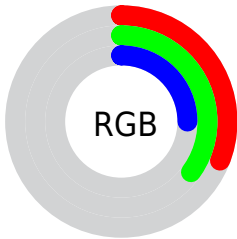
Format	Color
RYB	64, 89, 74
Decimal	5200192
CIELab	36.32, -8.97, 13.21
CIELCh	36, 15.968, 124.197
Yxy	9.1772, 0.3341, 0.3970
Android (android.graphics.Color)	4283390272 (0xFF4F5940)
YUV	83.1600, -9.4459, -3.6483
Hunter-Lab	30.2939, -7.5127, 9.0422

Details

The Hex color **4F5940** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A4059**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **808B70**, and **222C15** is the 20% darker color. If you saturate the color by 10%, you get **4B5937**, and if you desaturate by 10%, it is **535949**.

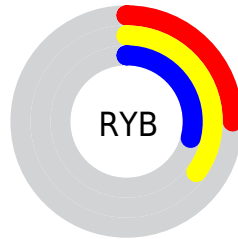
Distribution



Red (31%)

Green (35%)

Blue (25%)



Red (25%)

Yellow (35%)

Blue (29%)

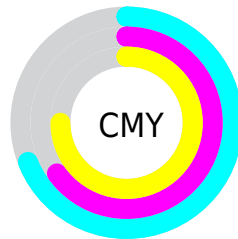


Cyan (11%)

Magenta (0%)

Yellow (28%)

Black (65%)



Cyan (69%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5940 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 4F5940 by changing the saturation by 10% instead.



4F5940



4F5940

FFFFFF



38422A



808B70



222C15



9AA589



0C1700



B5C0A4



000000



D1DCBF



EDF9DB



FFFFFF7



4F5940



4F5940



4B5937



535949

■ 48592E

■ 565952

■ 445925

■ 5A595B

■ 41591C

■ 5D5964

■ 3D5914

■ 61596D

■ 3A590B

■ 645975

■ 365902

■ 68597E

■ 355900

■ 6B5987

■ 6F5990

Harmonies

Analogous

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



5D553C



4F5940



405C4A

Triad

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



4F5940



375A6C



6F4C54

Complementary

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



4F5940



4A4059

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.



674E61



4F5940



48566F

Square

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



4F5940



2F5C63



5A526B



6F4D48

Rectangle

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



4F5940



375C52



5A526B



6D4C58

Sweetspot

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



4F5940



6F736A



594A40



383B35



BABABA



3B3B3B

Same Dimension

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



4F5940



63734C



435940



2A2B27



406B00



8DEB00

Inverse Universe

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



4A4059



5B4C73



574059



29272B



2B006B



5E00EB

Previews

White Background



This preview shows how the Hex color 4F5940 looks on a white background.

Color Contrast Check

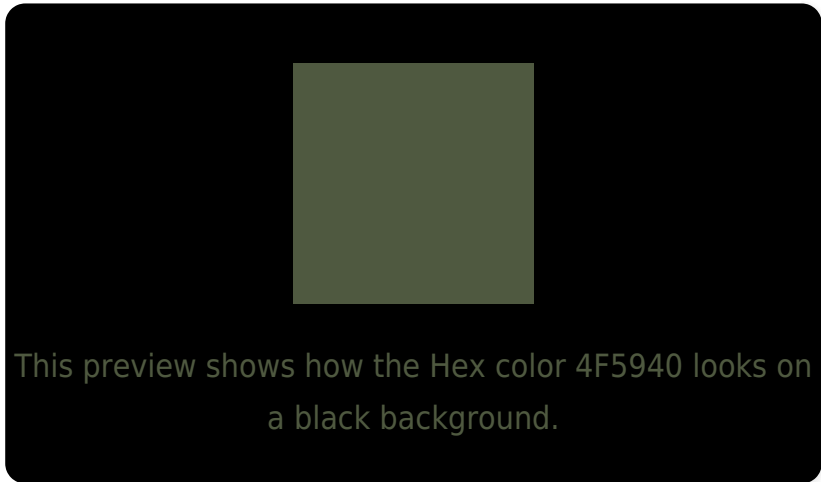
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

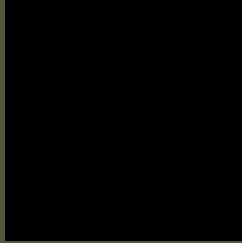
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

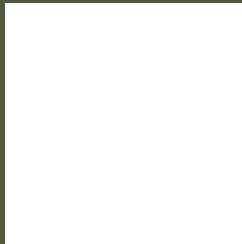
Any Text WCAG AAA × Fail

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

Hex 4F5940 Background



This preview shows how black text looks on a background with the Hex color 4F5940.

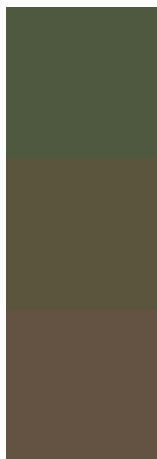


This preview shows how white text looks on a background with the Hex color 4F5940.

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](#).

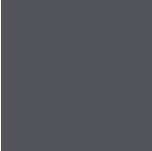
Dichromacy



Original Color
4F5940

Protanopia
5C553E

Deuteranopia
645242



Tritanopia
53555C

Trichromacy



Original Color
4F5940

Protanomaly
57563F

Deuteranomaly
5C5541

Tritanomaly
525652

Monochromacy



Original Color
4F5940

Achromatopsia
535353

Achromatomaly
52554C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5940 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 #4F5940 looks like.

```
.text, #text, p{  
    color:#4F5940  
}
```

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 #4F5940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5940
}
```

Border

The CSS property to change the border of an element to Hex 4F5940 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
#4F5940 }
```

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

```
.border{ border-color:#4F5940 }
```

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

Here you see how a box with a 4 pixel #4F5940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5940; -webkit-box-shadow:4px 4px  
4px 4px #4F5940; box-shadow:4px 4px 4px  
4px #4F5940 }
```

Background

The CSS property to change the background color of an element to Hex 4F5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5940 }
```

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

```
.background{ background-color:#4F5940 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor