

Converting Colors

Hex(4F3636)

Have a look what the booklet for
Hex(4F3636) contains.

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Color

Hex(4F3636)

Conversions

Conversions Part 1

Format	Color
Hex	4F3636
RGB	79, 54, 54
RGB Percent	31%, 21%, 21%
CMY	0.6902, 0.7882, 0.7882
CMYK	0.00, 0.32, 0.32, 0.69
HSL	0°, 19%, 26%
HSV	0°, 32%, 31%
XYZ	5.2095, 4.5669, 4.0970
YIQ	61.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

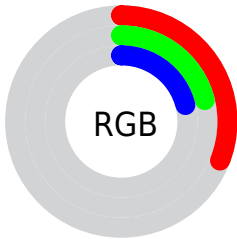
Format	Color
R_YB	79, 54, 54
Decimal	5191222
CIE Lab	25.46, 11.21, 4.47
CIE LCh	25, 12.064, 21.747
Yxy	4.5669, 0.3755, 0.3292
Android (android.graphics.Color)	4283381302 (0xFF4F3636)
YUV	61.4750, -3.6852, 15.3694
Hunter-Lab	21.3704, 6.1148, 3.5927

Details

The Hex color **4F3636** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **364F4F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **816565**, and **230B0A** is the 20% darker color. If you saturate the color by 10%, you get **4F2E2E**, and if you desaturate by 10%, it is **4F3E3E**.

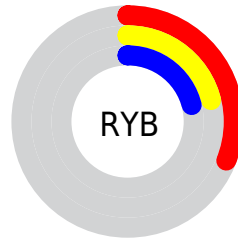
Distribution



Red (31%)

Green (21%)

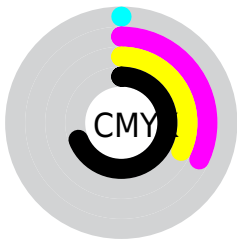
Blue (21%)



Red (31%)

Yellow (21%)

Blue (21%)

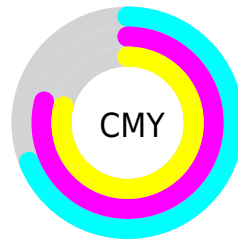


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (69%)



Cyan (69%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F3636 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 4F3636 by changing the saturation by 10% instead.



4F3636



4F3636

FFFFFF



382021



816565



230B0A



9B7E7E



000000



B69897



D2B3B2



EECECE



FFEAEA



4F3636



4F3636



4F2E2E



4F3E3E

■ 4F2626

■ 4F4646

■ 4F1E1E

■ 4F4E4E

■ 4F1616

■ 4F5656

■ 4F0E0E

■ 4F5E5E

■ 4F0707

■ 4F6565

■ 4F0000

■ 4F6D6D

■ 4F7575

■ 4F7D7D

Harmonies

Analogous

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



4D363F



4F3636



4C382E

Triad

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



4F3636



324031



2E3E4E

Complementary

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



4F3636



364F4F

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.



24404A



4F3636



284139

Square

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



4F3636



3C3E2B



224143



3A3B4D

Rectangle

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



4F3636



483A2B



224143



2A3F4D

Sweetspot

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



4F3636



665D5D



4F364F



332D2D



B3B3B3



333333

Same Dimension

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



4F3636



663F3F



4F4336



262222



660000



E60000

Inverse Universe

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



364F4F



3F6666



36434F



222626



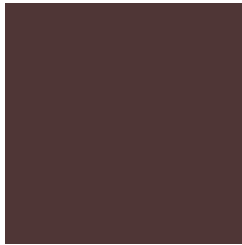
006666



00E6E6

Previews

White Background



This preview shows how the Hex color 4F3636 looks on a white background.

Color Contrast Check

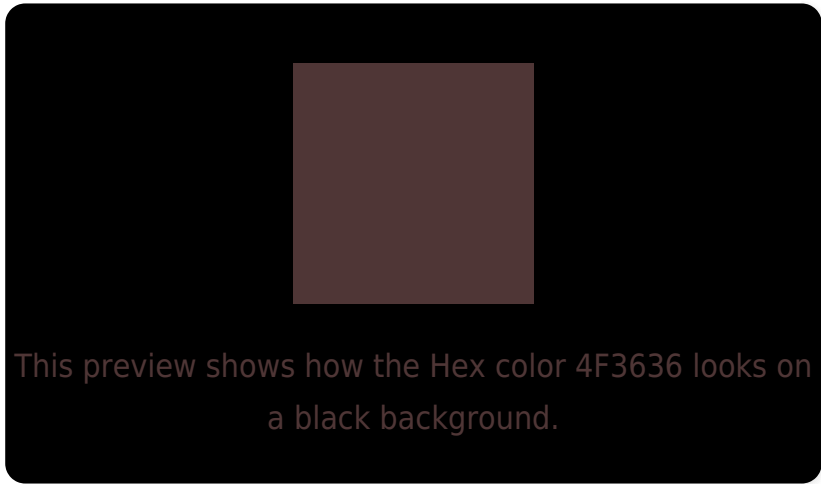
Large Text (above 18pt) WCAG AA ✓ Pass

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

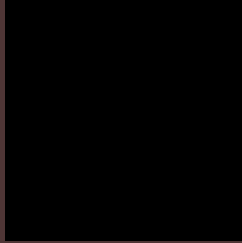
Any Text WCAG AA × Fail

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 4F3636 Background



This preview shows how black text looks on a background with the Hex color 4F3636.

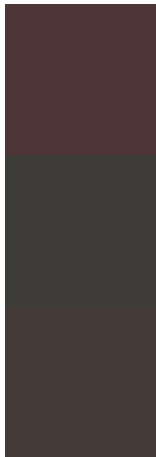


This preview shows how white text looks on a background with the Hex color 4F3636.

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
4F3636

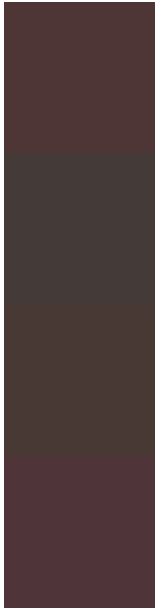
Protanopia
3E3C39

Deuteranopia
453A35



Tritanopia
4F353A

Trichromacy



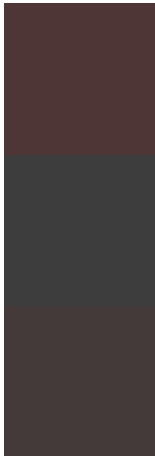
Original Color
4F3636

Protanomaly
443A38

Deuteranomaly
493935

Tritanomaly
4F3539

Monochromacy



Original Color
4F3636

Achromatopsia
3D3D3D

Achromatomaly
443A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F3636 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 #4F3636 looks like.

```
.text, #text, p{  
    color:#4F3636  
}
```

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 #4F3636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3636
}
```

Border

The CSS property to change the border of an element to Hex 4F3636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

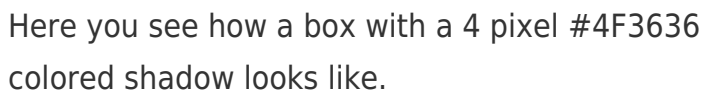
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F3636 }
```

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

```
.border{ border-color:#4F3636 }
```

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



Here you see how a box with a 4 pixel #4F3636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3636; -webkit-box-shadow:4px 4px  
4px 4px #4F3636; box-shadow:4px 4px 4px  
4px #4F3636 }
```

Background

The CSS property to change the background color of an element to Hex 4F3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3636 }
```

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

```
.background{ background-color:#4F3636 }
```

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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