

Converting Colors

Hex(4F4242)

Have a look what the booklet for
Hex(4F4242) contains.

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Color

Hex(4F4242)

Conversions

Conversions Part 1

Format	Color
Hex	4F4242
RGB	79, 66, 66
RGB Percent	31%, 26%, 26%
CMY	0.6902, 0.7412, 0.7412
CMYK	0.00, 0.16, 0.16, 0.69
HSL	0°, 9%, 28%
HSV	0°, 16%, 31%
XYZ	6.1560, 5.9520, 5.9787
YIQ	69.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

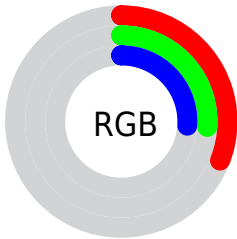
Format	Color
R_{YB}	79, 66, 66
Decimal	5194306
CIE Lab	29.29, 5.58, 2.07
CIE LCh	29, 5.949, 20.374
Yxy	5.9520, 0.3404, 0.3291
Android (android.graphics.Color)	4283384386 (0xFF4F4242)
YUV	69.8870, -1.9163, 7.9921
Hunter-Lab	24.3968, 2.3464, 2.5482

Details

The Hex color **4F4242** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **424F4F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **807272**, and **221717** is the 20% darker color. If you saturate the color by 10%, you get **4F3A3A**, and if you desaturate by 10%, it is **4F4A4A**.

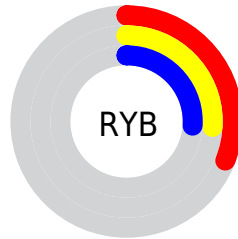
Distribution



 Red (31%)

 Green (26%)

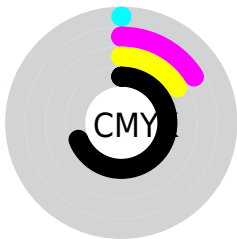
 Blue (26%)



 Red (31%)

 Yellow (26%)

 Blue (26%)

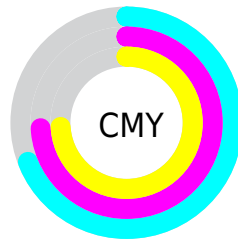


 Cyan (0%)


 Magenta (16%)

 Yellow (16%)

 Black (69%)



 Cyan (69%)

 Magenta (74%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F4242 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 4F4242 by changing the saturation by 10% instead.



4F4242



4F4242

FFFFFF



382C2C



807272



221717



9A8B8B



070000



B5A6A6



000000



D1C1C1



EDDDDD



FFF9F9



4F4242



4F4242



4F3A3A



4F4A4A

■ 4F3232

■ 4F5252

■ 4F2A2A

■ 4F5A5A

■ 4F2222

■ 4F6262

■ 4F1B1B

■ 4F6A6A

■ 4F1313

■ 4F7171

■ 4F0B0B

■ 4F7979

■ 4F0303

■ 4F8181

■ 4F0000

■ 4F8989

Harmonies

Analogous

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



4E4247



4F4242



4E433E

Triad

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



4F4242



40473F



3E464E

Complementary

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



4F4242



424F4F

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.



3A474C



4F4242



3C4843

Square

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



4F4242



45463C



3A4848



44444E

Rectangle

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



4F4242



4C443C



3A4848



3D464E

Sweetspot

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



4F4242



666161



4F424F



333030



B3B3B3



333333

Same Dimension

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



4F4242



665252



4F4942



262222



660000



E60000

Inverse Universe

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



424F4F



526666



42494F



222626



006666



00E6E6

Previews

White Background



This preview shows how the Hex color 4F4242 looks on a white background.

Color Contrast Check

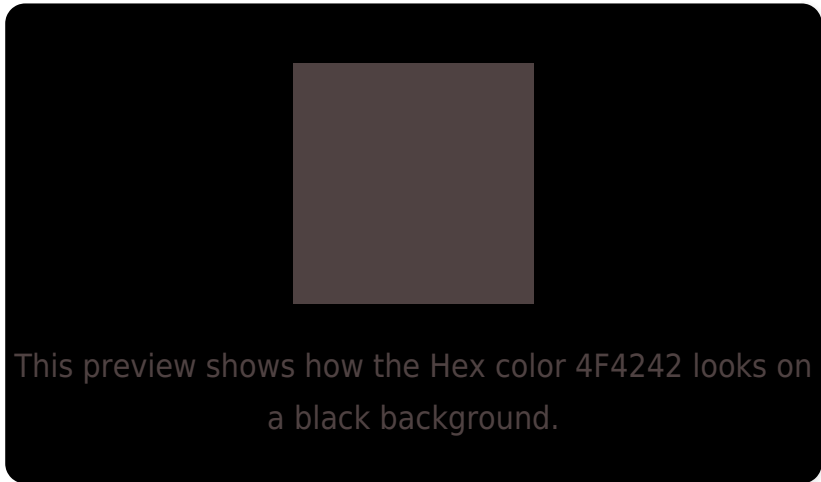
Large Text (above 18pt) WCAG AA ✓ Pass

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

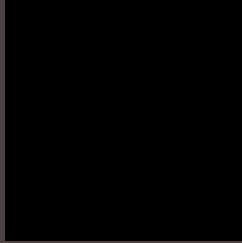
Any Text WCAG AA × Fail

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 4F4242 Background



This preview shows how black text looks on a background with the Hex color 4F4242.

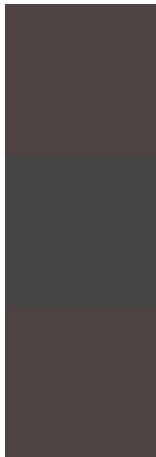


This preview shows how white text looks on a background with the Hex color 4F4242.

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
4F4242

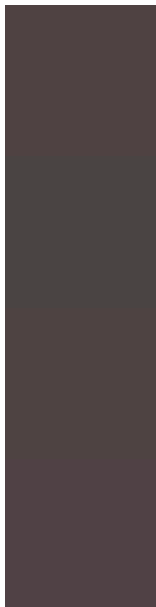
Protanopia
474544

Deuteranopia
4D4342



Tritanopia
504146

Trichromacy



Original Color

4F4242

Protanomaly

4A4443

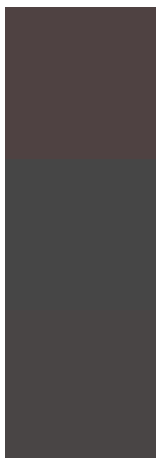
Deuteranomaly

4E4342

Tritanomaly

504145

Monochromacy



Original Color

4F4242

Achromatopsia

464646

Achromatomaly

494545

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F4242 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 #4F4242 looks like.

```
.text, #text, p{  
    color:#4F4242  
}
```

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 #4F4242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4242
}
```

Border

The CSS property to change the border of an element to Hex 4F4242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

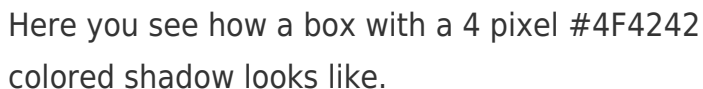
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F4242 }
```

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

```
.border{ border-color:#4F4242 }
```

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



Here you see how a box with a 4 pixel #4F4242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4242; -webkit-box-shadow:4px 4px  
4px 4px #4F4242; box-shadow:4px 4px 4px  
4px #4F4242 }
```

Background

The CSS property to change the background color of an element to Hex 4F4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4242 }
```

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

```
.background{ background-color:#4F4242 }
```

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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