

Converting Colors

Hex(4F5454)

Have a look what the booklet for
Hex(4F5454) contains.

Hex(4F5454)	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(4F5454)

Conversions

Conversions Part 1

Format	Color
Hex	4F5454
RGB	79, 84, 84
RGB Percent	31%, 33%, 33%
CMY	0.6902, 0.6706, 0.6706
CMYK	0.06, 0.00, 0.00, 0.67
HSL	180°, 3%, 32%
HSV	180°, 6%, 33%
XYZ	7.9950, 8.6430, 9.6344
YIQ	82.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

Format	Color
R_YB	79, 82, 84
Decimal	5198932
CIE Lab	35.29, -1.99, -0.69
CIE LCh	35, 2.108, 199.246
Yxy	8.6430, 0.3043, 0.3290
Android (android.graphics.Color)	4283389012 (0xFF4F5454)
YUV	82.5050, 0.7370, -3.0739
Hunter-Lab	29.3990, -2.9055, 1.1493

Details

The Hex color **4F5454** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **544F4F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **808585**, and **232727** is the 20% darker color. If you saturate the color by 10%, you get **475454**, and if you desaturate by 10%, it is **575454**.

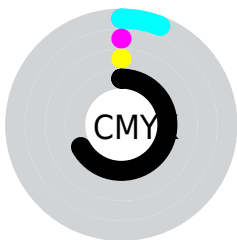
Distribution



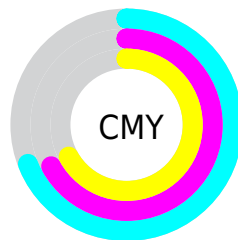
- Red (31%)
- Green (33%)
- Blue (33%)



- Red (31%)
- Yellow (32%)
- Blue (33%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (67%)



- Cyan (69%)
- Magenta (67%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5454 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 4F5454 by changing the saturation by 10% instead.



4F5454



4F5454

FFFFFF



383D3D



808585



232727



9AA0A0



0D1313



B5BBBB



000000



D0D6D6



EDF3F3



4F5454



4F5454



475454



575454



3E5454



605454

■ 365454

■ 685454

■ 2D5454

■ 715454

■ 255454

■ 795454

■ 1D5454

■ 815454

■ 145454

■ 8A5454

■ 0C5454

■ 925454

■ 035454

■ 9B5454

Harmonies

Analogous

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



505452



4F5454



4F5455

Triad

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



4F5454



555255



555350

Complementary

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



4F5454



544F4F

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.



565250



4F5454



565254

Square

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



4F5454



535356



575252



535350

Rectangle

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



4F5454



505356



575252



565250

Sweetspot

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



4F5454



6B6E6E



4F544F



373838



B8B8B8



383838

Same Dimension

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



4F5454



666E6E



4F5154



262929



006969



00E8E8

Inverse Universe

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



544F54



6E666E



54514F



292629



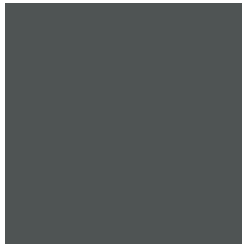
690069



E800E8

Previews

White Background



This preview shows how the Hex color 4F5454 looks on a white background.

Color Contrast Check

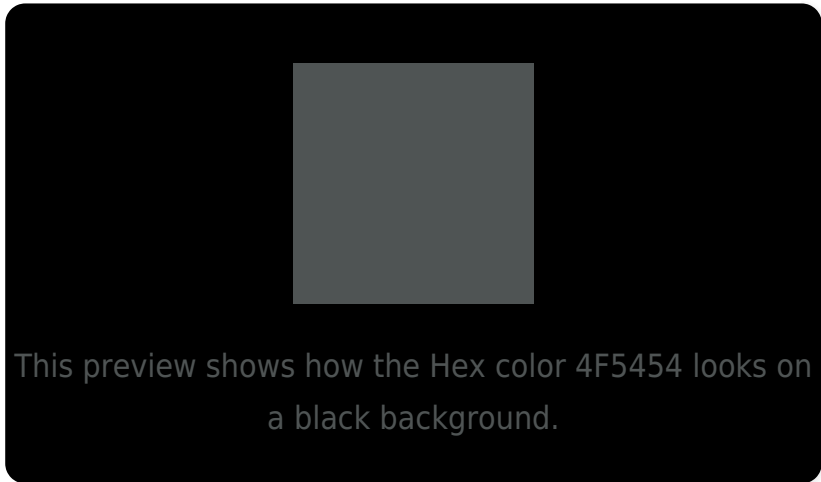
Large Text (above 18pt) WCAG AA ✓ Pass

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

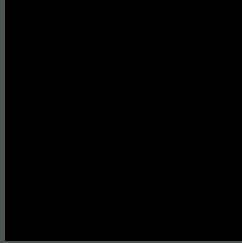
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

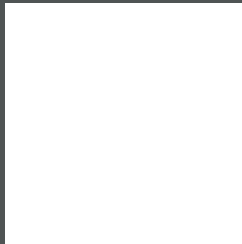
Any Text WCAG AAA × Fail

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

Hex 4F5454 Background



This preview shows how black text looks on a background with the Hex color 4F5454.

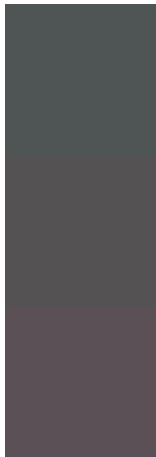


This preview shows how white text looks on a background with the Hex color 4F5454.

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](#).

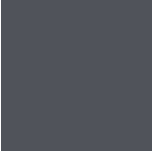
Dichromacy



Original Color
4F5454

Protanopia
545253

Deuteranopia
5A5055



Tritanopia
50535A

Trichromacy



Original Color

4F5454

Protanomaly

525353

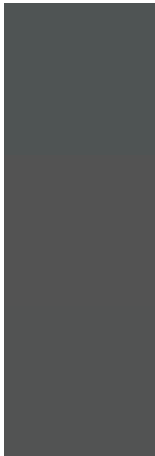
Deuteranomaly

565155

Tritanomaly

505358

Monochromacy



Original Color

4F5454

Achromatopsia

535353

Achromatomaly

525353

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5454 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 #4F5454 looks like.

```
.text, #text, p{  
    color:#4F5454  
}
```

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 #4F5454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5454
}
```

Border

The CSS property to change the border of an element to Hex 4F5454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

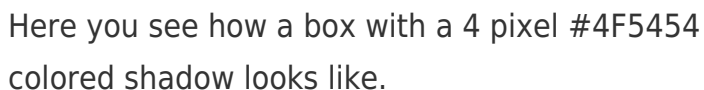
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F5454 }
```

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

```
.border{ border-color:#4F5454 }
```

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



Here you see how a box with a 4 pixel #4F5454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5454; -webkit-box-shadow:4px 4px  
4px 4px #4F5454; box-shadow:4px 4px 4px  
4px #4F5454 }
```

Background

The CSS property to change the background color of an element to Hex 4F5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5454 }
```

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

```
.background{ background-color:#4F5454 }
```

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