

Converting Colors

Hex(4F5A56)

Have a look what the booklet for
Hex(4F5A56) contains.

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Color

Hex(4F5A56)

Conversions

Conversions Part 1

Format	Color
Hex	4F5A56
RGB	79, 90, 86
RGB Percent	31%, 35%, 34%
CMY	0.6902, 0.6471, 0.6627
CMYK	0.12, 0.00, 0.04, 0.65
HSL	158°, 7%, 33%
HSV	158°, 12%, 35%
XYZ	8.5603, 9.6465, 10.2149
YIQ	86.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

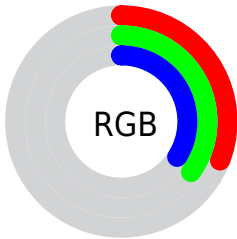
Format	Color
R_{YB}	79, 86, 90
Decimal	5200470
CIE Lab	37.20, -5.19, 0.85
CIE LCh	37, 5.257, 170.721
Yxy	9.6465, 0.3012, 0.3394
Android (android.graphics.Color)	4283390550 (0xFF4F5A56)
YUV	86.2550, -0.1257, -6.3626
Hunter-Lab	31.0588, -5.1552, 2.2413

Details

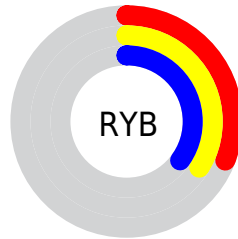
The Hex color **4F5A56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A4F53**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **808C88**, and **232C29** is the 20% darker color. If you saturate the color by 10%, you get **465A53**, and if you desaturate by 10%, it is **585A59**.

Distribution



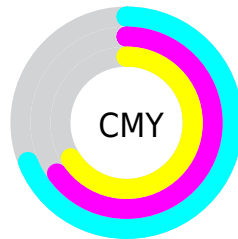
- Red (31%)
- Green (35%)
- Blue (34%)



- Red (31%)
- Yellow (34%)
- Blue (35%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (65%)



- Cyan (69%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5A56 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 4F5A56 by changing the saturation by 10% instead.



4F5A56



4F5A56

FFFFFF



38433F



808C88



232C29



9AA6A2



0D1815



B5C2BD



000000



D1DDD9



EDFAF5



4F5A56



4F5A56



465A53



585A59



3D5A4F



615A5D

■ 345A4C

■ 6A5A60

■ 2B5A49

■ 735A63

■ 225A46

■ 7C5A66

■ 195A42

■ 855A6A

■ 105A3F

■ 8E5A6D

■ 075A3C

■ 975A70

■ 005A39

■ A05A73

Harmonies

Analogous

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



535952



4F5A56



4D5A5A

Triad

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



4F5A56



57575F



605651

Complementary

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



4F5A56



5A4F53

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.



615555



4F5A56



5C565D

Square

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



4F5A56



525860



5F5559



5C574F

Rectangle

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



4F5A56



4D5A5D



5F5559



605552

Sweetspot

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



4F5A56



717574



535A4F



383B3A



BABABA



3B3B3B

Same Dimension

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



4F5A56



64756F



4F595A



292E2C



006E46



00ED97

Inverse Universe

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



5A4F53



75646A



5A504F



2E292B



6E0028



ED0056

Previews

White Background



This preview shows how the Hex color 4F5A56 looks on a white background.

Color Contrast Check

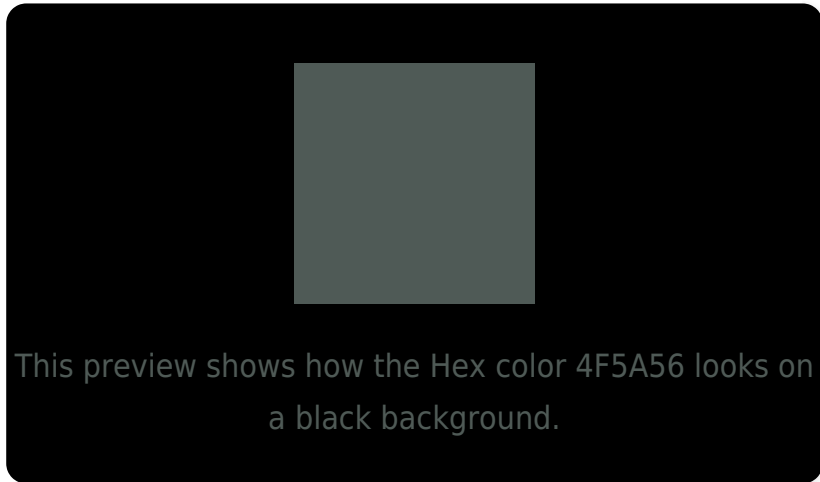
Large Text (above 18pt) WCAG AA ✓ Pass

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

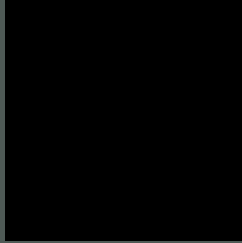
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

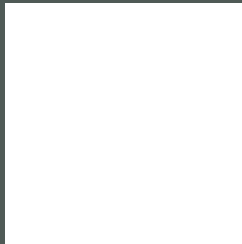
Any Text WCAG AAA × Fail

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

Hex 4F5A56 Background



This preview shows how black text looks on a background with the Hex color 4F5A56.



This preview shows how white text looks on a background with the Hex color 4F5A56.

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](#).

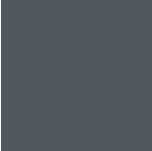
Dichromacy



Original Color
4F5A56

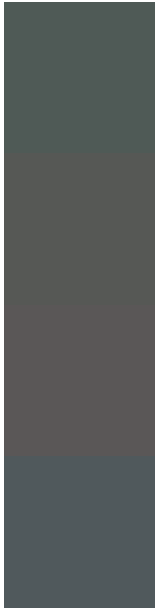
Protanopia
5A5754

Deuteranopia
605557



Tritanopia
515960

Trichromacy



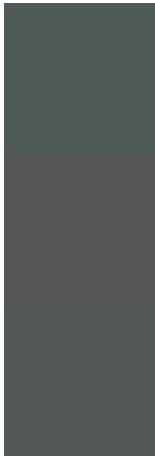
Original Color
4F5A56

Protanomaly
565855

Deuteranomaly
5A5757

Tritanomaly
50595C

Monochromacy



Original Color
4F5A56

Achromatopsia
565656

Achromatomaly
535756

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5A56 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 #4F5A56 looks like.

```
.text, #text, p{  
    color:#4F5A56  
}
```

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 #4F5A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5A56
}
```

Border

The CSS property to change the border of an element to Hex 4F5A56 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
#4F5A56 }
```

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

```
.border{ border-color:#4F5A56 }
```

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

Here you see how a box with a 4 pixel #4F5A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5A56; -webkit-box-shadow:4px 4px  
4px 4px #4F5A56; box-shadow:4px 4px 4px  
4px #4F5A56 }
```

Background

The CSS property to change the background color of an element to Hex 4F5A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5A56 }
```

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

```
.background{ background-color:#4F5A56 }
```

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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