

Converting Colors

Hex(4B5757)

Have a look what the booklet for
Hex(4B5757) contains.

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Color

Hex(4B5757)

Conversions

Conversions Part 1

Format	Color
Hex	4B5757
RGB	75, 87, 87
RGB Percent	29%, 34%, 34%
CMY	0.7059, 0.6588, 0.6588
CMYK	0.14, 0.00, 0.00, 0.66
HSL	180°, 7%, 32%
HSV	180°, 14%, 34%
XYZ	8.0301, 9.0004, 10.3308
YIQ	83.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

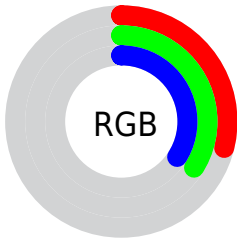
Format	Color
R_YB	75, 81, 87
Decimal	4937559
CIE Lab	35.98, -4.68, -1.59
CIE LCh	36, 4.939, 198.784
Yxy	9.0004, 0.2935, 0.3289
Android (android.graphics.Color)	4283127639 (0xFF4B5757)
YUV	83.4120, 1.7689, -7.3773
Hunter-Lab	30.0006, -4.7227, 0.5837

Details

The Hex color **4B5757** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **574B4B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7C8989**, and **1F2A2A** is the 20% darker color. If you saturate the color by 10%, you get **425757**, and if you desaturate by 10%, it is **545757**.

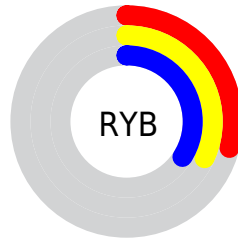
Distribution



Red (29%)

Green (34%)

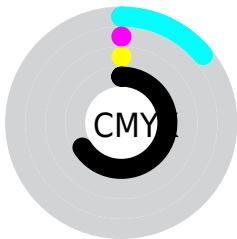
Blue (34%)



Red (29%)

Yellow (32%)

Blue (34%)

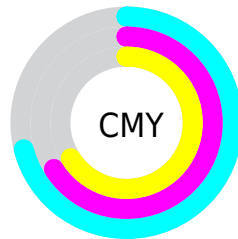


Cyan (14%)

Magenta (0%)

Yellow (0%)

Black (66%)



Cyan (71%)

Magenta (66%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5757 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 4B5757 by changing the saturation by 10% instead.



4B5757



4B5757

FFFFFF



344040



7C8989



1F2A2A



96A3A3



081615



B0BEBE



000000



CCDADA



E8F6F6



4B5757



4B5757



425757



545757



3A5757



5C5757

■ 315757

■ 655757

■ 285757

■ 6E5757

■ 205757

■ 775757

■ 175757

■ 7F5757

■ 0E5757

■ 885757

■ 055757

■ 915757

■ 005757

■ 995757

Harmonies

Analogous

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



4D5753



4B5757



4C565A

Triad

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



4B5757



58535A



5A544D

Complementary

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



4B5757



574B4B

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.



5C534F



4B5757



5C5256

Square

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



4B5757



54545C



5D5252



5554D

Rectangle

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



4B5757



4E565C



5D5252



5B534D

Sweetspot

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



4B5757



6C7070



4B574B



353838



B8B8B8



383838

Same Dimension

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



4B5757



5D7070



4B5157



272B2B



006B6B



00EBEB

Inverse Universe

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



574B57



705D70



57514B



2B272B



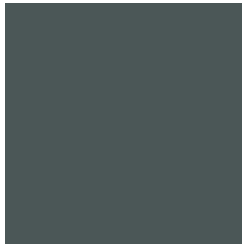
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 4B5757 looks on a white background.

Color Contrast Check

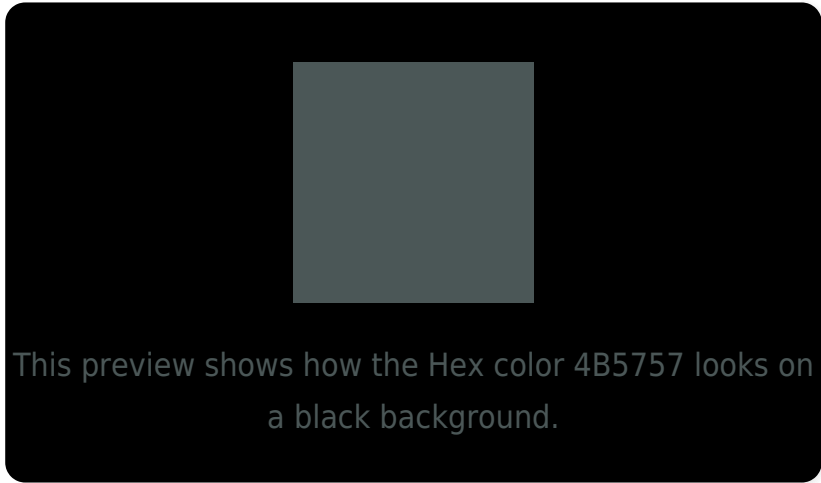
Large Text (above 18pt) WCAG AA ✓ Pass

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

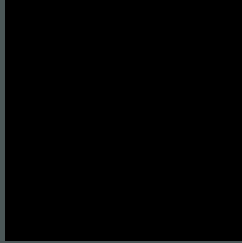
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

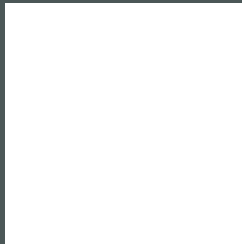
Any Text WCAG AAA × Fail

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

Hex 4B5757 Background



This preview shows how black text looks on a background with the Hex color 4B5757.



This preview shows how white text looks on a background with the Hex color 4B5757.

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
4B5757

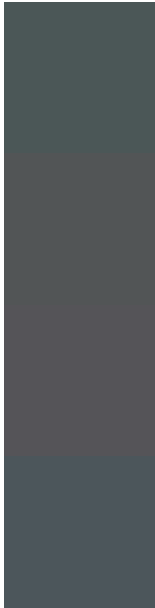
Protanopia
565455

Deuteranopia
5B5258



Tritanopia
4C565D

Trichromacy



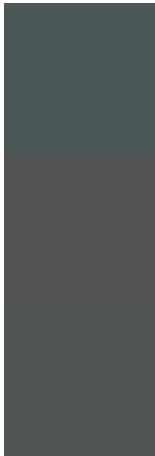
Original Color
4B5757

Protanomaly
525556

Deuteranomaly
555458

Tritanomaly
4C565B

Monochromacy



Original Color
4B5757

Achromatopsia
535353

Achromatomaly
505454

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5757 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 #4B5757 looks like.

```
.text, #text, p{  
    color:#4B5757  
}
```

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 #4B5757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5757
}
```

Border

The CSS property to change the border of an element to Hex 4B5757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

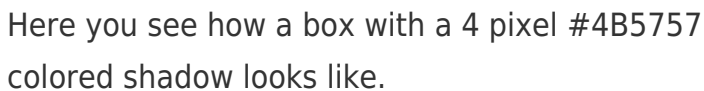
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B5757 }
```

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

```
.border{ border-color:#4B5757 }
```

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



Here you see how a box with a 4 pixel #4B5757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5757; -webkit-box-shadow:4px 4px  
4px 4px #4B5757; box-shadow:4px 4px 4px  
4px #4B5757 }
```

Background

The CSS property to change the background color of an element to Hex 4B5757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5757 }
```

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

```
.background{ background-color:#4B5757 }
```

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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