

Converting Colors

Hex(4B5655)

Have a look what the booklet for
Hex(4B5655) contains.

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Color

Hex(4B5655)

Conversions

Conversions Part 1

Format	Color
Hex	4B5655
RGB	75, 86, 85
RGB Percent	29%, 34%, 33%
CMY	0.7059, 0.6627, 0.6667
CMYK	0.13, 0.00, 0.01, 0.66
HSL	175°, 7%, 32%
HSV	175°, 13%, 34%
XYZ	7.8691, 8.8073, 9.8796
YIQ	82.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

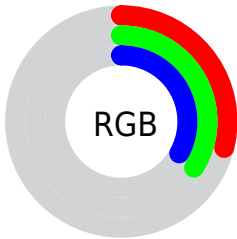
Format	Color
R_{YB}	75, 81, 86
Decimal	4937301
CIE Lab	35.61, -4.54, -0.89
CIE LCh	36, 4.624, 191.068
Yxy	8.8073, 0.2963, 0.3317
Android (android.graphics.Color)	4283127381 (0xFF4B5655)
YUV	82.5970, 1.1847, -6.6626
Hunter-Lab	29.6771, -4.6042, 1.0362

Details

The Hex color **4B5655** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **564B4C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7C8887**, and **1F2928** is the 20% darker color. If you saturate the color by 10%, you get **425654**, and if you desaturate by 10%, it is **545656**.

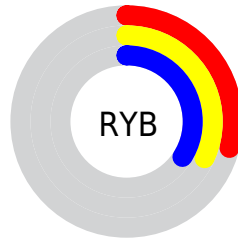
Distribution



Red (29%)

Green (34%)

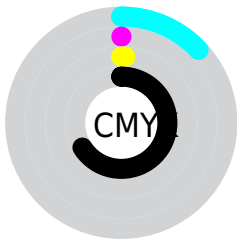
Blue (33%)



Red (29%)

Yellow (32%)

Blue (34%)

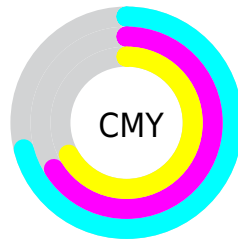


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (66%)



Cyan (71%)

Magenta (66%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5655 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 4B5655 by changing the saturation by 10% instead.

■ 4B5655

■ 4B5655

FFFFFF

■ 343F3E

■ 7C8887

■ 1F2928

■ 96A2A1

■ 081514

■ B0BDBC

■ 000000

■ CCD9D7

■ E8F5F4

■ 4B5655

■ 4B5655

■ 425654

■ 545656

■ 3A5653

■ 5C5657

■ 315653

■ 655657

■ 295652

■ 6D5658

■ 205651

■ 765659

■ 175650

■ 7F565A

■ 0F5650

■ 87565A

■ 06564F

■ 90565B

■ 00564E

■ 98565C

Harmonies

Analogous

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



4D5651



4B5655



4B5658

Triad

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



4B5655



565259



59534D

Complementary

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



4B5655



564B4C

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.



5B524F



4B5655



5A5256

Square

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



4B5655



52545B



5C5152



55544D

Rectangle

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



4B5655



4C555A



5C5152



5A524D

Sweetspot

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



4B5655



6C7070



4C564B



353838



B8B8B8



383838

Same Dimension

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



4B5655



5F706F



4B5256



272B2B



006B61



00EBD5

Inverse Universe

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



564B4C



705F61



564F4B



2B2727



6B000A



EB0015

Previews

White Background



This preview shows how the Hex color 4B5655 looks on a white background.

Color Contrast Check

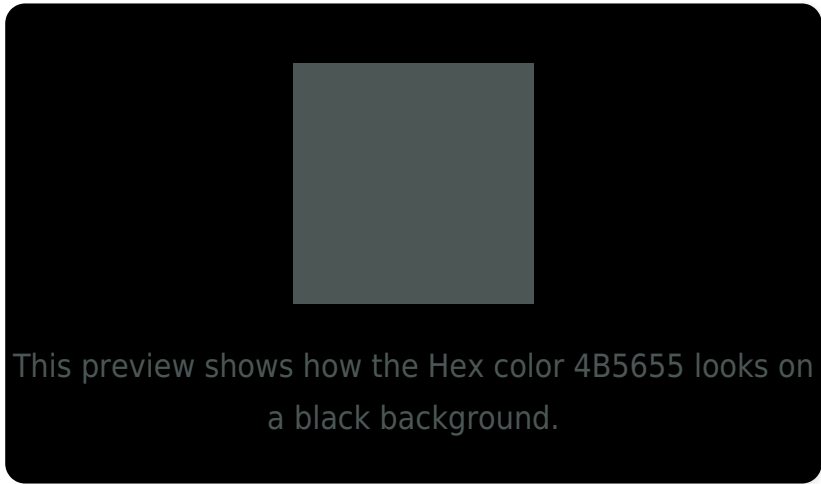
Large Text (above 18pt) WCAG AA ✓ Pass

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

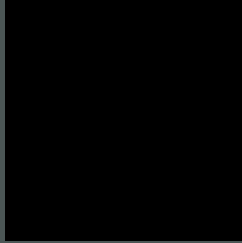
Any Text WCAG AA × Fail

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 4B5655 Background



This preview shows how black text looks on a background with the Hex color 4B5655.



This preview shows how white text looks on a background with the Hex color 4B5655.

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](#).

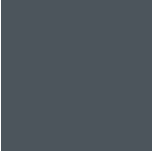
Dichromacy



Original Color
4B5655

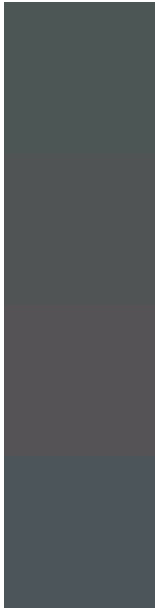
Protanopia
553353

Deuteranopia
5B5156



Tritanopia
4C555C

Trichromacy



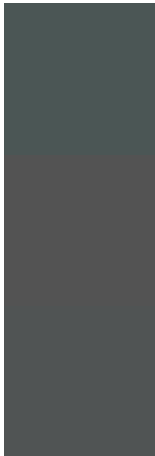
Original Color
4B5655

Protanomaly
515454

Deuteranomaly
555356

Tritanomaly
4C5559

Monochromacy



Original Color
4B5655

Achromatopsia
535353

Achromatomaly
505454

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5655 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 #4B5655 looks like.

```
.text, #text, p{  
    color:#4B5655  
}
```

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 #4B5655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5655
}
```

Border

The CSS property to change the border of an element to Hex 4B5655 is called "border". The border property can be set on classes, ids or directly on the HTML element.

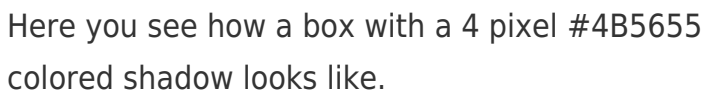
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B5655 }
```

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

```
.border{ border-color:#4B5655 }
```

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



Here you see how a box with a 4 pixel #4B5655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5655; -webkit-box-shadow:4px 4px  
4px 4px #4B5655; box-shadow:4px 4px 4px  
4px #4B5655 }
```

Background

The CSS property to change the background color of an element to Hex 4B5655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5655 }
```

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

```
.background{ background-color:#4B5655 }
```

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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