

Converting Colors

Hex(4C5647)

Have a look what the booklet for
Hex(4C5647) contains.

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Color

Hex(4C5647)

Conversions

Conversions Part 1

Format	Color
Hex	4C5647
RGB	76, 86, 71
RGB Percent	30%, 34%, 28%
CMY	0.7020, 0.6627, 0.7216
CMYK	0.12, 0.00, 0.17, 0.66
HSL	100°, 10%, 31%
HSV	100°, 17%, 34%
XYZ	7.4456, 8.6470, 7.2378
YIQ	81.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

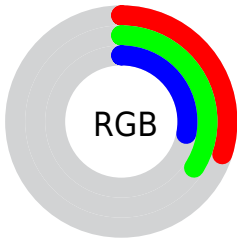
Format	Color
RYB	71, 86, 81
Decimal	5002823
CIELab	35.30, -7.16, 7.42
CIELCh	35, 10.315, 133.976
Yxy	8.6470, 0.3191, 0.3706
Android (android.graphics.Color)	4283192903 (0xFF4C5647)
YUV	81.3000, -5.0779, -4.6481
Hunter-Lab	29.4058, -6.2636, 5.9906

Details

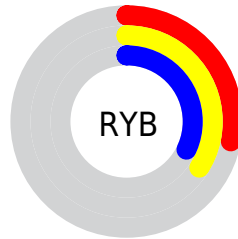
The Hex color **4C5647** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **514756**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7D8877**, and **20291C** is the 20% darker color. If you saturate the color by 10%, you get **46563E**, and if you desaturate by 10%, it is **525650**.

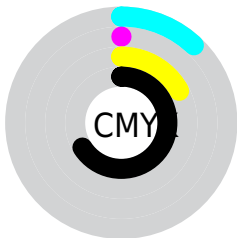
Distribution



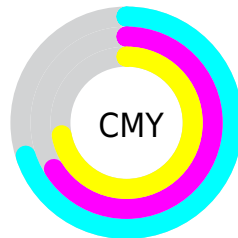
- Red (30%)
- Green (34%)
- Blue (28%)



- Red (28%)
- Yellow (34%)
- Blue (32%)



- Cyan (12%)
- Magenta (0%)
- Yellow (17%)
- Black (66%)



- Cyan (70%)
- Magenta (66%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5647 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 4C5647 by changing the saturation by 10% instead.



4C5647



4C5647

FFFFFF



353F31



7D8877



20291C



97A291



091501



B2BDAC



000000



CDD9C7



E9F5E3



4C5647



4C5647



46563E



525650



415636



575658

 3B562D

 5D5661

 355625

 635669

 2F561C

 695672

 2A5613

 6E567B

 24560B

 745683

 1E5602

 7A568C

 1D5600

 805694

Harmonies

Analogous

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



555443



4C5647



43574E

Triad

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



4C5647



455563



644D4F

Complementary

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



4C5647



514756

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.



614E58



4C5647



4F5263

Square

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



4C5647



3E575E



59505F



634F48

Rectangle

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



4C5647



3F5854



59505F



644D52

Sweetspot

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



4C5647



6C706B



565147



363835



B8B8B8



383838

Same Dimension

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



4C5647



607059



47564A



282B27



246B00



4EEB00

Inverse Universe

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



514756



685970



564754



2A272B



47006B



9C00EB

Previews

White Background



This preview shows how the Hex color 4C5647 looks on a white background.

Color Contrast Check

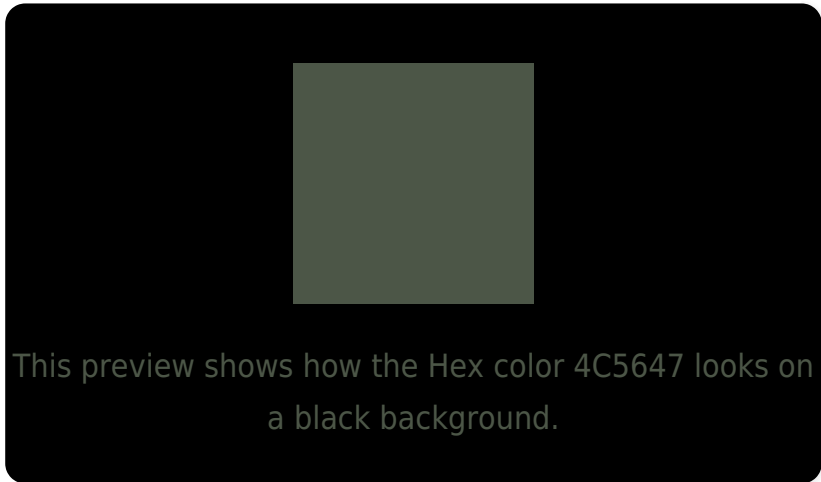
Large Text (above 18pt) WCAG AA ✓ Pass

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

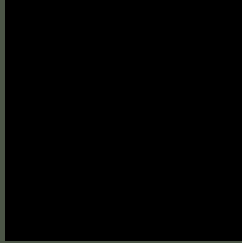
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

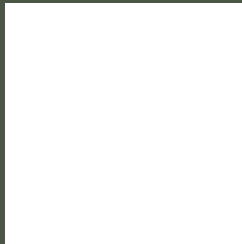
Any Text WCAG AAA × Fail

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

Hex 4C5647 Background



This preview shows how black text looks on a background with the Hex color 4C5647.



This preview shows how white text looks on a background with the Hex color 4C5647.

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
4C5647

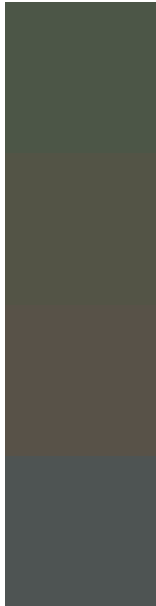
Protanopia
575345

Deuteranopia
5F5048



Tritanopia
4F535A

Trichromacy



Original Color
4C5647

Protanomaly
535446

Deuteranomaly
585248

Tritanomaly
4E5453

Monochromacy



Original Color
4C5647

Achromatopsia
515151

Achromatomaly
4F534D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5647 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 #4C5647 looks like.

```
.text, #text, p{  
    color:#4C5647  
}
```

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 #4C5647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5647
}
```

Border

The CSS property to change the border of an element to Hex 4C5647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

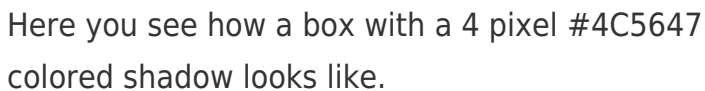
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5647 }
```

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

```
.border{ border-color:#4C5647 }
```

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



Here you see how a box with a 4 pixel #4C5647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5647; -webkit-box-shadow:4px 4px  
4px 4px #4C5647; box-shadow:4px 4px 4px  
4px #4C5647 }
```

Background

The CSS property to change the background color of an element to Hex 4C5647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5647 }
```

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

```
.background{ background-color:#4C5647 }
```

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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