

Converting Colors

Hex(4C5841)

Have a look what the booklet for
Hex(4C5841) contains.

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Color

Hex(4C5841)

Conversions

Conversions Part 1

Format	Color
Hex	4C5841
RGB	76, 88, 65
RGB Percent	30%, 35%, 25%
CMY	0.7020, 0.6549, 0.7451
CMYK	0.14, 0.00, 0.26, 0.65
HSL	91°, 15%, 30%
HSV	91°, 26%, 35%
XYZ	7.4243, 8.8976, 6.3271
YIQ	81.7900, 0.2310, -9.6970

Conversions

Conversions Part 2

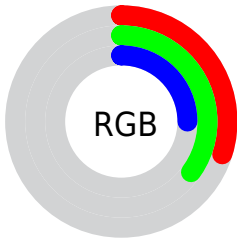
Format	Color
RYB	65, 88, 77
Decimal	5003329
CIELab	35.79, -9.48, 11.82
CIELCh	36, 15.154, 128.734
Yxy	8.8976, 0.3278, 0.3928
Android (android.graphics.Color)	4283193409 (0xFF4C5841)
YUV	81.7900, -8.2775, -5.0778
Hunter-Lab	29.8288, -7.7721, 8.3039

Details

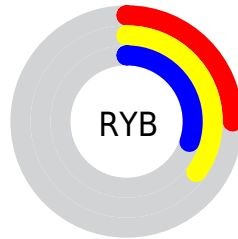
The Hex color **4C5841** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4D4158**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7D8A71**, and **202B16** is the 20% darker color. If you saturate the color by 10%, you get **475838**, and if you desaturate by 10%, it is **51584A**.

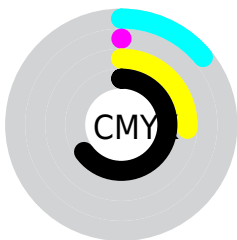
Distribution



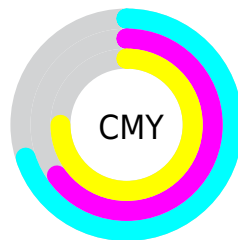
- Red (30%)
- Green (35%)
- Blue (25%)



- Red (25%)
- Yellow (35%)
- Blue (30%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (65%)



- Cyan (70%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5841 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 4C5841 by changing the saturation by 10% instead.



4C5841



4C5841

FFFFFF



35412B



7D8A71



202B16



97A48A



081700



B2BFA5



000000



CDDBC0



EAF8DC



FFFFFF8



4C5841



4C5841



475838



51584A

■ 43582F

■ 555853

■ 3E5827

■ 5A585B

■ 3A581E

■ 5E5864

■ 355815

■ 63586D

■ 30580C

■ 685876

■ 2C5803

■ 6C587F

■ 2A5800

■ 715887

■ 755890

Harmonies

Analogous

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



59553C



4C5841



3E5A4B

Triad

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



4C5841



3A586A



6D4B51

Complementary

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



4C5841



4D4158

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.



674C5D



4C5841



4A546C

Square

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



4C5841



315A63



5B5067



6C4D46

Rectangle

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



4C5841



365B53



5B5067



6B4B55

Sweetspot

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



4C5841



6E736A



584D41



383B35



BABABA



3B3B3B

Same Dimension

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



4C5841



60734F



415841



292B27



336B00



70EB00

Inverse Universe

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



4D4158



624F73



584158



29272B



38006B



7A00EB

Previews

White Background



This preview shows how the Hex color 4C5841 looks on a white background.

Color Contrast Check

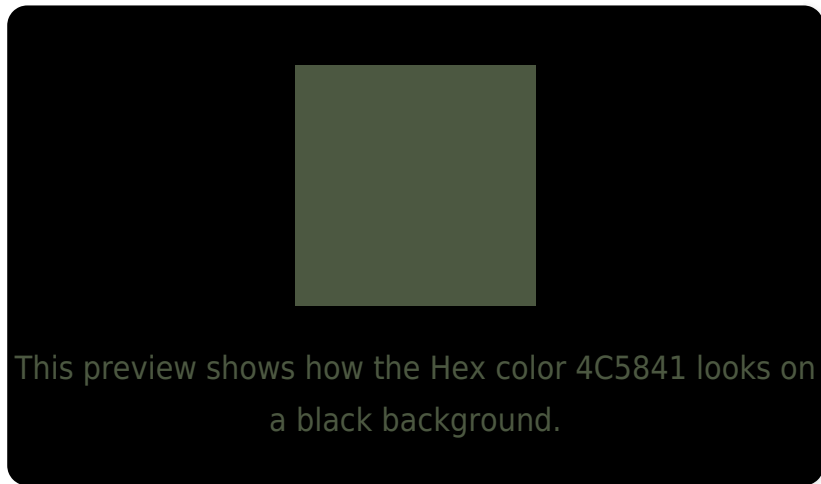
Large Text (above 18pt) WCAG AA ✓ Pass

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

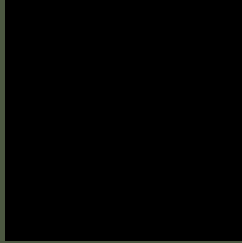
Any Text WCAG AA × Fail

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 4C5841 Background



This preview shows how black text looks on a background with the Hex color 4C5841.



This preview shows how white text looks on a background with the Hex color 4C5841.

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
4C5841

Protanopia
5A543F

Deuteranopia
625143



Tritanopia
50555B

Trichromacy



Original Color

4C5841

Protanomaly

555540

Deuteranomaly

5A5442

Tritanomaly

4F5652

Monochromacy



Original Color

4C5841

Achromatopsia

525252

Achromatomaly

50544C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5841 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 #4C5841 looks like.

```
.text, #text, p{  
    color:#4C5841  
}
```

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 #4C5841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5841
}
```

Border

The CSS property to change the border of an element to Hex 4C5841 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
#4C5841 }
```

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

```
.border{ border-color:#4C5841 }
```

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

Here you see how a box with a 4 pixel #4C5841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5841; -webkit-box-shadow:4px 4px  
4px 4px #4C5841; box-shadow:4px 4px 4px  
4px #4C5841 }
```

Background

The CSS property to change the background color of an element to Hex 4C5841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5841 }
```

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

```
.background{ background-color:#4C5841 }
```

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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