

Converting Colors

Hex(4C6E25)

Have a look what the booklet for
Hex(4C6E25) contains.

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Color

Hex(4C6E25)

Conversions

Conversions Part 1

Format	Color
Hex	4C6E25
RGB	76, 110, 37
RGB Percent	30%, 43%, 15%
CMY	0.7020, 0.5686, 0.8549
CMYK	0.31, 0.00, 0.66, 0.57
HSL	88°, 50%, 29%
HSV	88°, 66%, 43%
XYZ	8.8904, 12.8219, 3.7566
YIQ	91.5120, 3.1690, -29.9110

Conversions

Conversions Part 2

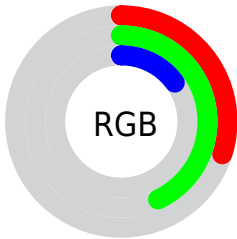
Format	Color
RYB	37, 110, 71
Decimal	5008933
CIELab	42.49, -25.16, 35.74
CIElCh	42, 43.710, 125.143
Yxy	12.8219, 0.3491, 0.5034
Android (android.graphics.Color)	4283199013 (0xFF4C6E25)
YUV	91.5120, -26.8744, -13.6040
Hunter-Lab	35.8077, -18.3455, 18.8453

Details

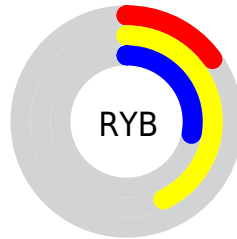
The Hex color **4C6E25** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **47256E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7FA255**, and **1C3E00** is the 20% darker color. If you saturate the color by 10%, you get **476E1A**, and if you desaturate by 10%, it is **516E30**.

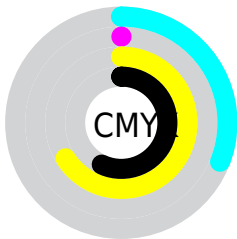
Distribution



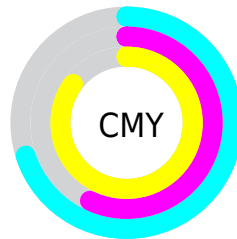
- Red (30%)
- Green (43%)
- Blue (15%)



- Red (15%)
- Yellow (43%)
- Blue (28%)



- Cyan (31%)
- Magenta (0%)
- Yellow (66%)
- Black (57%)



- Cyan (70%)
- Magenta (57%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6E25 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 4C6E25 by changing the saturation by 10% instead.



4C6E25



4C6E25

FFFFFF



33550B



7FA255



1C3E00



9ABD6F



002800



B6D989



001000



D2F5A3



000000



EEFFBF



FFFFDB



FFFFF8



4C6E25



4C6E25

■ 476E1A

■ 516E30

■ 426E0F

■ 566E3B

■ 3D6E04

■ 5B6E46

■ 3B6E00

■ 606E51

■ 666E5C

■ 6B6E67

■ 706E72

■ 756E7D

■ 7A6E88

Harmonies

Analogous

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



726515



4C6E25



047344

Triad

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



4C6E25



0070A5



A54260

Complementary

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



4C6E25



47256E

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.



954983



4C6E25



1D66AC

Square

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



4C6E25



00758D



6E58A0



A2493D

Rectangle

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



4C6E25



00755D



6E58A0



A2436C

Sweetspot

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



4C6E25



818F72



6E4625



3F4736



C7C7C7



474747

Same Dimension

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



4C6E25



5A8F1D



296E25



353832



407800



84F700

Inverse Universe

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



47256E



521D8F



6A256E



353238



380078



7300F7

Previews

White Background



This preview shows how the Hex color 4C6E25 looks on a white background.

Color Contrast Check

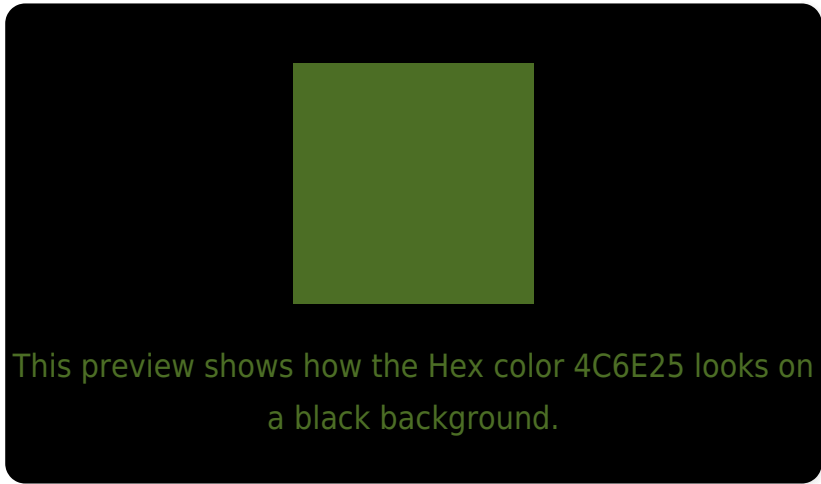
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4C6E25 Background



This preview shows how black text looks on a background with the Hex color 4C6E25.



This preview shows how white text looks on a background with the Hex color 4C6E25.

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](#).

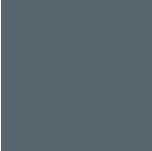
Dichromacy



Original Color
4C6E25

Protanopia
706422

Deuteranopia
7C5F2A



Tritanopia
56676F

Trichromacy



Original Color
4C6E25

Protanomaly
636823

Deuteranomaly
6B6428

Tritanomaly
526A54

Monochromacy



Original Color
4C6E25

Achromatopsia
5C5C5C

Achromatomaly
566348

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6E25 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 #4C6E25 looks like.

```
.text, #text, p{  
    color:#4C6E25  
}
```

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 #4C6E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6E25
}
```

Border

The CSS property to change the border of an element to Hex 4C6E25 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
#4C6E25 }
```

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

```
.border{ border-color:#4C6E25 }
```

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

Here you see how a box with a 4 pixel #4C6E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6E25; -webkit-box-shadow:4px 4px  
4px 4px #4C6E25; box-shadow:4px 4px 4px  
4px #4C6E25 }
```

Background

The CSS property to change the background color of an element to Hex 4C6E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6E25 }
```

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

```
.background{ background-color:#4C6E25 }
```

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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