

Converting Colors

Hex(4C7025)

Have a look what the booklet for
Hex(4C7025) contains.

Hex(4C7025)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C7025)

Conversions

Conversions Part 1

Format	Color
Hex	4C7025
RGB	76, 112, 37
RGB Percent	30%, 44%, 15%
CMY	0.7020, 0.5608, 0.8549
CMYK	0.32, 0.00, 0.67, 0.56
HSL	89°, 50%, 29%
HSV	89°, 67%, 44%
XYZ	9.1086, 13.2584, 3.8293
YIQ	92.6860, 2.6190, -30.9570

Conversions

Conversions Part 2

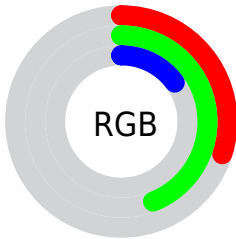
Format	Color
RYB	37, 112, 73
Decimal	5009445
CIELab	43.15, -26.15, 36.46
CIELCh	43, 44.864, 125.649
Yxy	13.2584, 0.3477, 0.5061
Android (android.graphics.Color)	4283199525 (0xFF4C7025)
YUV	92.6860, -27.4532, -14.6336
Hunter-Lab	36.4121, -19.0689, 19.2532

Details

The Hex color **4C7025** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **492570**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **80A456**, and **1B4000** is the 20% darker color. If you saturate the color by 10%, you get **47701A**, and if you desaturate by 10%, it is **517030**.

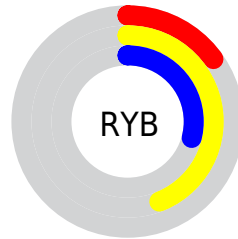
Distribution



Red (30%)

Green (44%)

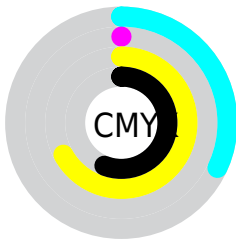
Blue (15%)



Red (15%)

Yellow (44%)

Blue (29%)

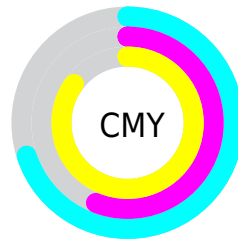


Cyan (32%)

Magenta (0%)

Yellow (67%)

Black (56%)



Cyan (70%)

Magenta (56%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7025 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 4C7025 by changing the saturation by 10% instead.



4C7025



4C7025

FFFFFF



33570B



80A456



1B4000



9ABF6F



002900



B6DB89



001300



D2F8A4



000000



EFFFBF



FFFFDB



FFFFF8



4C7025



4C7025

■ 47701A

■ 517030

■ 41700F

■ 57703B

■ 3C7003

■ 5C7047

■ 3A7000

■ 627052

■ 67705D

■ 6C7068

■ 727073

■ 77707F

■ 7C708A

Harmonies

Analogous

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



736613



4C7025



007646

Triad

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



4C7025



0072A9



A94360

Complementary

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



4C7025



492570

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.



984A85



4C7025



1D68B0

Square

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



4C7025



007790



7059A3



A54A3D

Rectangle

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



4C7025



00775F



7059A3



A6446D

Sweetspot

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



4C7025



839174



704825



414A38



C9C9C9



4A4A4A

Same Dimension

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



4C7025



5A911D



277025



353832



3E7800



81F700

Inverse Universe

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



492570



551D91



6E2570



353238



3A0078



7700F7

Previews

White Background



This preview shows how the Hex color 4C7025 looks on a white background.

Color Contrast Check

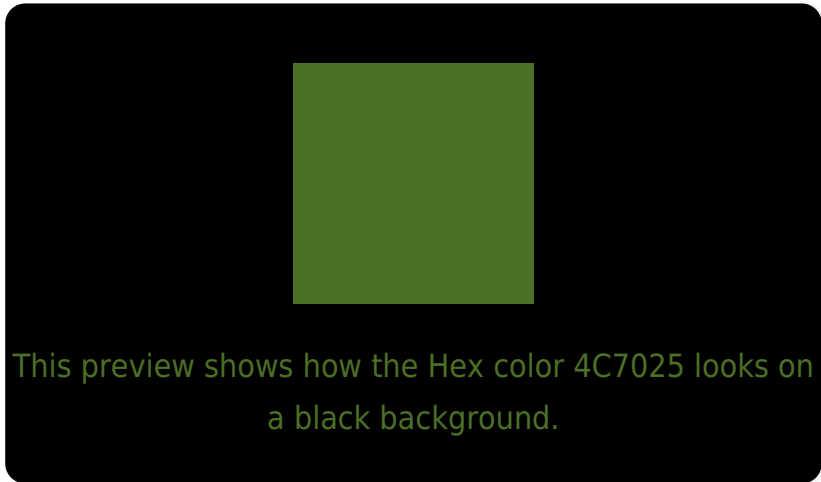
Large Text (above 18pt) WCAG AA ✓ Pass

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

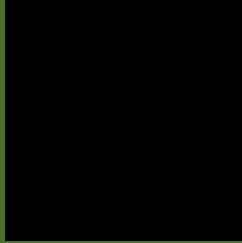
Any Text WCAG AA × Fail

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 4C7025 Background



This preview shows how black text looks on a background with the Hex color 4C7025.



This preview shows how white text looks on a background with the Hex color 4C7025.

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](#).

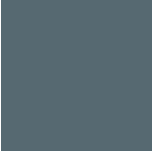
Dichromacy



Original Color
4C7025

Protanopia
726622

Deuteranopia
7E612A



Tritanopia
566971

Trichromacy



Original Color
4C7025

Protanomaly
646A23

Deuteranomaly
6C6628

Tritanomaly
526C55

Monochromacy



Original Color
4C7025

Achromatopsia
5D5D5D

Achromatomaly
576449

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7025 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 #4C7025 looks like.

```
.text, #text, p{  
    color:#4C7025  
}
```

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 #4C7025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7025  
}
```

Border

The CSS property to change the border of an element to Hex 4C7025 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  
#4C7025 }
```

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

```
.border{ border-color:#4C7025 }
```

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

Here you see how a box with a 4 pixel #4C7025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7025; -webkit-box-shadow:4px 4px  
4px 4px #4C7025; box-shadow:4px 4px 4px  
4px #4C7025 }
```

Background

The CSS property to change the background color of an element to Hex 4C7025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7025 }
```

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

```
.background{ background-color:#4C7025 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor