

Converting Colors

Hex(4D6B14)

Have a look what the booklet for
Hex(4D6B14) contains.

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Color

Hex(4D6B14)

Conversions

Conversions Part 1

Format	Color
Hex	4D6B14
RGB	77, 107, 20
RGB Percent	30%, 42%, 8%
CMY	0.6980, 0.5804, 0.9216
CMYK	0.28, 0.00, 0.81, 0.58
HSL	81°, 69%, 25%
HSV	81°, 81%, 42%
XYZ	8.4445, 12.1437, 2.5607
YIQ	88.1120, 10.0470, -33.4170

Conversions

Conversions Part 2

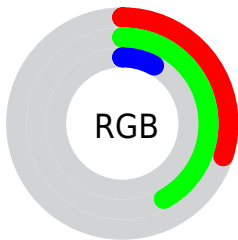
Format	Color
R_{YB}	20, 107, 50
Decimal	5073684
CIE _{Lab}	41.44, -24.49, 41.74
CIE _{LCh}	41, 48.395, 120.405
Yxy	12.1437, 0.3648, 0.5246
Android (android.graphics.Color)	4283263764 (0xFF4D6B14)
YUV	88.1120, -33.5792, -9.7452
Hunter-Lab	34.8478, -17.7284, 20.0367

Details


The Hex color **4D6B14** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **32146B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **819F47**, and **1C3B00** is the 20% darker color. If you saturate the color by 10%, you get **496B09**, and if you desaturate by 10%, it is **516B1F**.

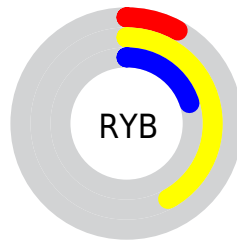
Distribution



 Red (30%)

 Green (42%)

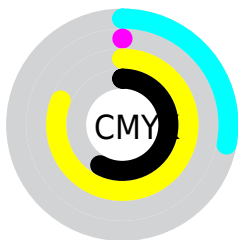
 Blue (8%)




 Red (8%)

 Yellow (42%)

 Blue (20%)

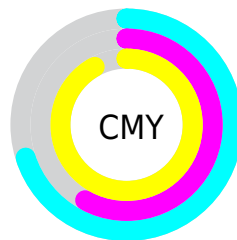


 Cyan (28%)

 Magenta (0%)

 Yellow (81%)

 Black (58%)



 Cyan (70%)

 Magenta (58%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6B14 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 4D6B14 by changing the saturation by 10% instead.



4D6B14



4D6B14

FFFFFF



345300



819F47



1C3B00



9CBA60



002600



B8D57A



000A00



D4F295



000000



F1FFB0



FFFCC



FFFEE8



4D6B14



4D6B14

■ 496B09

■ 516B1F

■ 466B00

■ 546B29

■ 586B34

■ 5C6B3F

■ 5F6B4A

■ 636B54

■ 676B5F

■ 6B6B6A

■ 6E6B74

Harmonies

Analogous

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



756001



4D6B14



007138

Triad

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



4D6B14



0070A7



A73A63

Complementary

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



4D6B14



32146B

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.



92458A



4D6B14



0066B2

Square

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



4D6B14



007489



6157A7



A6403C

Rectangle

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



4D6B14



007453



6157A7



A33C70

Sweetspot

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



4D6B14



818C6B



6B3114



404733



C7C7C7



474747

Same Dimension

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



4D6B14



5D8C03



226B14



343630



4D7500



A0F500

Inverse Universe

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



32146B



32038C



5D146B



323036



280075



5400F5

Previews

White Background



This preview shows how the Hex color 4D6B14 looks on a white background.

Color Contrast Check

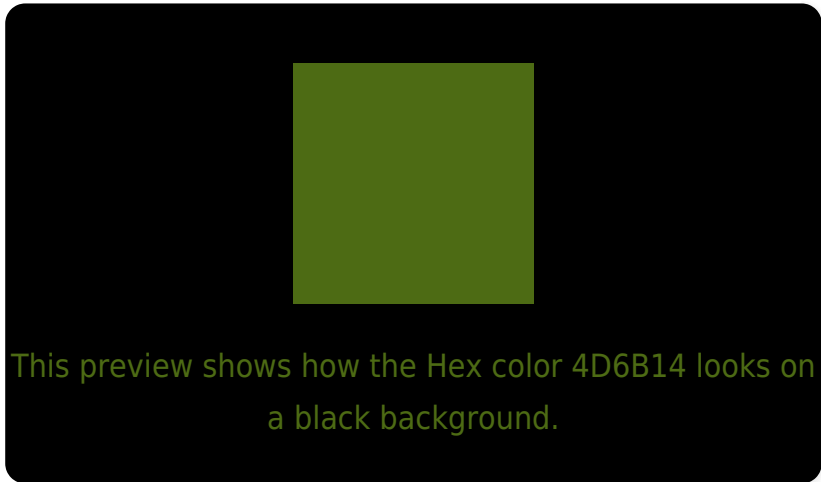
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D6B14 Background



This preview shows how black text looks on a background with the Hex color 4D6B14.



This preview shows how white text looks on a background with the Hex color 4D6B14.

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](#).

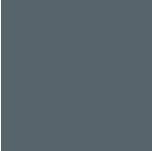
Dichromacy



Original Color
4D6B14

Protanopia
6E6212

Deuteranopia
7A5D1C



Tritanopia
57646C

Trichromacy



Original Color
4D6B14

Protanomaly
626513

Deuteranomaly
6A6219

Tritanomaly
53674C

Monochromacy



Original Color
4D6B14

Achromatopsia
585858

Achromatomaly
545F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6B14 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 #4D6B14 looks like.

```
.text, #text, p{  
    color:#4D6B14  
}
```

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 #4D6B14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6B14
}
```

Border

The CSS property to change the border of an element to Hex 4D6B14 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
#4D6B14 }
```

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

```
.border{ border-color:#4D6B14 }
```

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

Here you see how a box with a 4 pixel #4D6B14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6B14; -webkit-box-shadow:4px 4px  
4px 4px #4D6B14; box-shadow:4px 4px 4px  
4px #4D6B14 }
```

Background

The CSS property to change the background color of an element to Hex 4D6B14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6B14 }
```

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

```
.background{ background-color:#4D6B14 }
```

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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