

Converting Colors

Hex(4F5300)

Have a look what the booklet for
Hex(4F5300) contains.

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Color

Hex(4F5300)

Conversions

Conversions Part 1

Format	Color
Hex	4F5300
RGB	79, 83, 0
RGB Percent	31%, 33%, 0%
CMY	0.6902, 0.6745, 1.0000
CMYK	0.05, 0.00, 1.00, 0.67
HSL	63°, 100%, 16%
HSV	63°, 100%, 33%
XYZ	6.3177, 7.8488, 1.1820
YIQ	72.3420, 24.2590, -26.6610

Conversions

Conversions Part 2

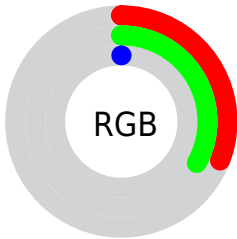
Format	Color
RYB	0, 83, 4
Decimal	5198592
CIELab	33.67, -11.54, 41.35
CIELCh	34, 42.926, 105.591
Yxy	7.8488, 0.4116, 0.5114
Android (android.graphics.Color)	4283388672 (0xFF4F5300)
YUV	72.3420, -35.6646, 5.8391
Hunter-Lab	28.0157, -8.7746, 17.1095

Details

The Hex color **4F5300** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **040053**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **838436**, and **1E2600** is the 20% darker color. If you saturate the color by 10%, you get **4F5300**, and if you desaturate by 10%, it is **4F5308**.

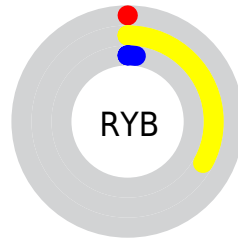
Distribution



Red (31%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (2%)

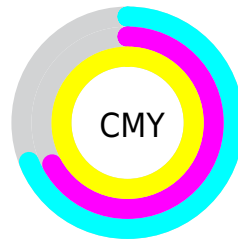


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (69%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5300 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 4F5300 by changing the saturation by 10% instead.

 4F5300

 4F5300

 FFFFF0

 373C00

 838436

 1E2600

 9E9E4E

 001300

 BAB968

 000000

 D6D581

 F3F19C

 FFFFB7

 FFFFD4


 4F5300

 4F5308

 505311

 505319

 515321

 515329

 515332

 52533A

 525342

 53534B

Harmonies

Analogous

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



6D4804



4F5300



265A1C

Triad

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



4F5300



005D7F



843061

Complementary

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



4F5300



040053

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.



673E7F



4F5300



005891

Square

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



4F5300



005F60



2A4D91



8C2D3F

Rectangle

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



4F5300



005D31



2A4D91



7D346C

Sweetspot

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



4F5300



6A6B4B



530300



353622



B5B5B5



363636

Same Dimension

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



4F5300



666B00



275300



292925



646900



DDE800

Inverse Universe

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



040053



05006B



2C0053



252529



050069



0B00E8

Previews

White Background



This preview shows how the Hex color 4F5300 looks on a white background.

Color Contrast Check

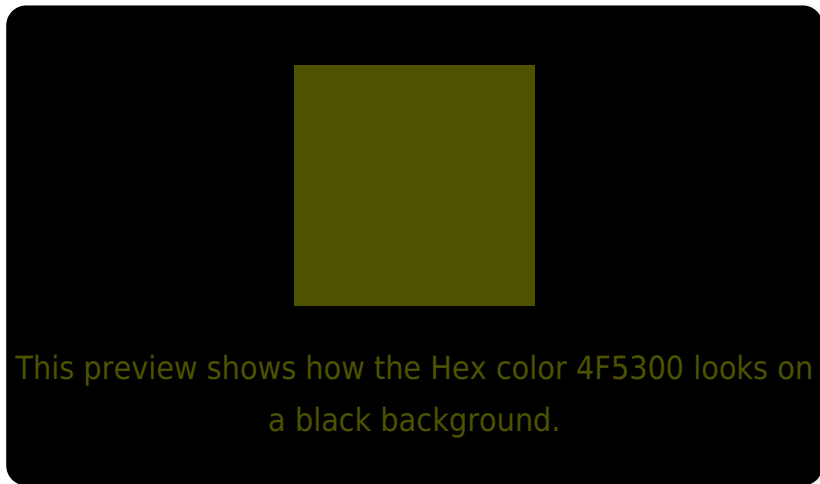
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F5300 Background



This preview shows how black text looks on a background with the Hex color 4F5300.



This preview shows how white text looks on a background with the Hex color 4F5300.

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
4F5300

Protanopia
5A5000

Deuteranopia
644B0D



Tritanopia
554D53

Trichromacy



Original Color

4F5300

Protanomaly

565100

Deuteranomaly

5C4E08

Tritanomaly

534F35

Monochromacy



Original Color

4F5300

Achromatopsia

484848

Achromatomaly

4B4C2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5300 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 #4F5300 looks like.

```
.text, #text, p{  
    color:#4F5300  
}
```

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 #4F5300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5300
}
```

Border

The CSS property to change the border of an element to Hex 4F5300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

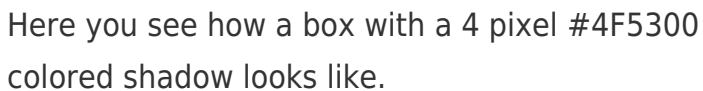
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F5300 }
```

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

```
.border{ border-color:#4F5300 }
```

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



Here you see how a box with a 4 pixel #4F5300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5300; -webkit-box-shadow:4px 4px  
4px 4px #4F5300; box-shadow:4px 4px 4px  
4px #4F5300 }
```

Background

The CSS property to change the background color of an element to Hex 4F5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5300 }
```

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

```
.background{ background-color:#4F5300 }
```

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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