

# Converting Colors

Hex(4D5E00)

Have a look what the booklet for  
Hex(4D5E00) contains.

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**Color**

**Hex(4D5E00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D5E00
RGB	77, 94, 0
RGB Percent	30%, 37%, 0%
CMY	0.6980, 0.6314, 1.0000
CMYK	0.18, 0.00, 1.00, 0.63
HSL	71°, 100%, 18%
HSV	71°, 100%, 37%
XYZ	7.0633, 9.5832, 1.4775
YIQ	78.2010, 20.0420, -32.8380

# Conversions

## Conversions Part 2

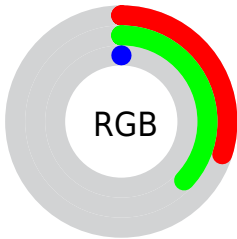
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 94, 17</a>
Decimal	<a href="#">5070336</a>
CIELab	<a href="#">37.08, -18.60, 43.82</a>
CIELCh	<a href="#">37, 47.603, 112.995</a>
Yxy	<a href="#">9.5832, 0.3897, 0.5288</a>
Android (android.graphics.Color)	<a href="#">4283260416 (0xFF4D5E00)</a>
YUV	<a href="#">78.2010, -38.5531, -1.0533</a>
Hunter-Lab	<a href="#">30.9567, -13.4466, 18.8400</a>

# Details

The Hex color **4D5E00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **11005E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **819038**, and **1C3000** is the 20% darker color. If you saturate the color by 10%, you get **4D5E00**, and if you desaturate by 10%, it is **4F5E09**.

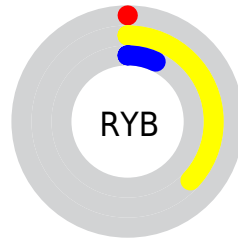
# Distribution



Red (30%)

Green (37%)

Blue (0%)



Red (0%)

Yellow (37%)

Blue (7%)

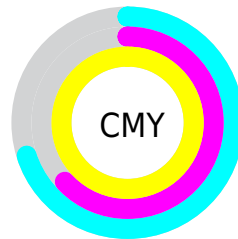


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (70%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D5E00 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 4D5E00 by changing the saturation by 10% instead.



 4D5E00

 4D5E00

 FFFFF5

 354600

 819038

 1C3000

 9CAB51

 001C00

 B8C66B

 000000

 D4E285

 F1FFA0

 FFFFBC

 FFFFD8

 4D5E00

 4F5E09

 505E13

 525E1C

 545E26

 565E2F

 575E38

 595E42

 5B5E4B

 5C5E55

# Harmonies

## Analogous

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



715200



4D5E00



146526

# Triad

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



4D5E00



006694



973062

# Complementary

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



4D5E00



11005E

# 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.



7C3F86



4D5E00



005EA4

# Square

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



4D5E00



006974



44519E



9B333C

# Rectangle

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



4D5E00



00683F



44519E



91346F



# Sweetspot

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



4D5E00



747A56



5E1000



393D27



BDBDBD



3D3D3D



# Same Dimension

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



4D5E00



647A00



1F5E00



2D2E29



5A6E00



C2ED00



# Inverse Universe

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



11005E



16007A



3F005E



2A292E



14006E



2B00ED



# Previews

## White Background



This preview shows how the Hex color 4D5E00 looks on a white background.

## Color Contrast Check

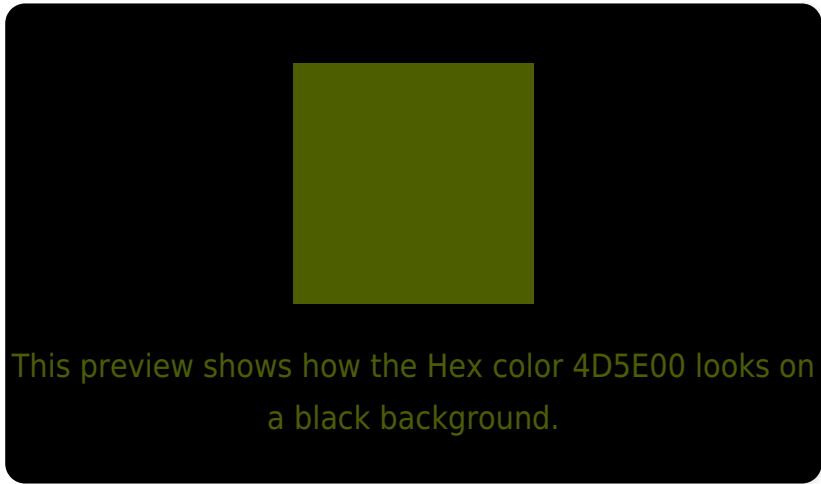
Large Text (above 18pt) WCAG AA ✓ Pass

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

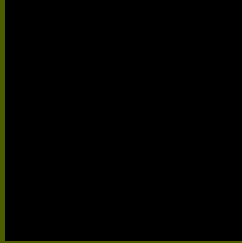
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D5E00 Background



This preview shows how black text looks on a background with the Hex color 4D5E00.



This preview shows how white text looks on a background with the Hex color 4D5E00.

# 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**  
4D5E00

**Protanopia**  
625800

**Deuteranopia**  
6E5311



# Trichromacy



**Original Color**  
4D5E00

**Protanomaly**  
5A5A00

**Deuteranomaly**  
62570B

**Tritanomaly**  
525A3C

# Monochromacy



**Original Color**  
4D5E00

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4E5432

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D5E00 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 #4D5E00 looks like.

```
.text, #text, p{  
    color:#4D5E00  
}
```

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 #4D5E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5E00  
}
```

## Border

The CSS property to change the border of an element to Hex 4D5E00 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  
#4D5E00 }
```

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

```
.border{ border-color:#4D5E00 }
```

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

Here you see how a box with a 4 pixel #4D5E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5E00; -webkit-box-shadow:4px 4px  
4px 4px #4D5E00; box-shadow:4px 4px 4px  
4px #4D5E00 }
```

# Background

The CSS property to change the background color of an element to Hex 4D5E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5E00 }
```

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

```
.background{ background-color:#4D5E00 }
```

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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