

Converting Colors

Hex(4D5200)

Have a look what the booklet for
Hex(4D5200) contains.

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Color

Hex(4D5200)

Conversions

Conversions Part 1

Format	Color
Hex	4D5200
RGB	77, 82, 0
RGB Percent	30%, 32%, 0%
CMY	0.6980, 0.6784, 1.0000
CMYK	0.06, 0.00, 1.00, 0.68
HSL	64°, 100%, 16%
HSV	64°, 100%, 32%
XYZ	6.0779, 7.6124, 1.1490
YIQ	71.1570, 23.3420, -26.5620

Conversions

Conversions Part 2

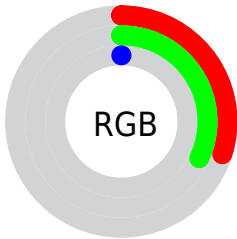
Format	Color
RYB	0, 82, 5
Decimal	5067264
CIELab	33.16, -11.96, 40.89
CIElCh	33, 42.608, 106.305
Yxy	7.6124, 0.4096, 0.5130
Android (android.graphics.Color)	4283257344 (0xFF4D5200)
YUV	71.1570, -35.0804, 5.1243
Hunter-Lab	27.5905, -8.9620, 16.8443

Details

The Hex color **4D5200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **050052**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **818335**, and **1C2600** is the 20% darker color. If you saturate the color by 10%, you get **4D5200**, and if you desaturate by 10%, it is **4E5208**.

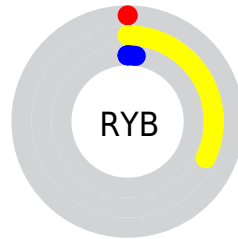
Distribution



Red (30%)

Green (32%)

Blue (0%)



Red (0%)

Yellow (32%)

Blue (2%)

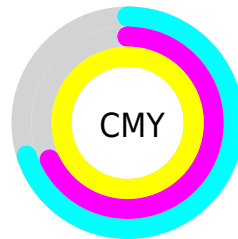


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (70%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D5200 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 4D5200 by changing the saturation by 10% instead.

 4D5200

 4D5200

 FFFFF0

 353B00

 818335

 1C2600

 9C9D4E

 001200

 B8B867

 000000

 D4D481

 F1F09C

 FFFFB7

 FFFF D3

 4D5200

 4E5208


 4E5210


 4E5219

 4F5221

 4F5229

 505231

 515239

 515242

 52524A

Harmonies

Analogous

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



6B4703



4D5200



24591C

Triad

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



4D5200



005C7E



832F5F

Complementary

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



4D5200



050052

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.



663C7D



4D5200



005690

Square

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



4D5200



005E60



2C4C8F



8A2D3D

Rectangle

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



4D5200



005C31



2C4C8F



7C326A

Sweetspot

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



4D5200



696B4B



520400



343622



B5B5B5



363636

Same Dimension

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



4D5200



656B00



255200



292925



626900



DAE800

Inverse Universe

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



050052



07006B



2D0052



252529



060069



0E00E8

Previews

White Background



This preview shows how the Hex color 4D5200 looks on a white background.

Color Contrast Check

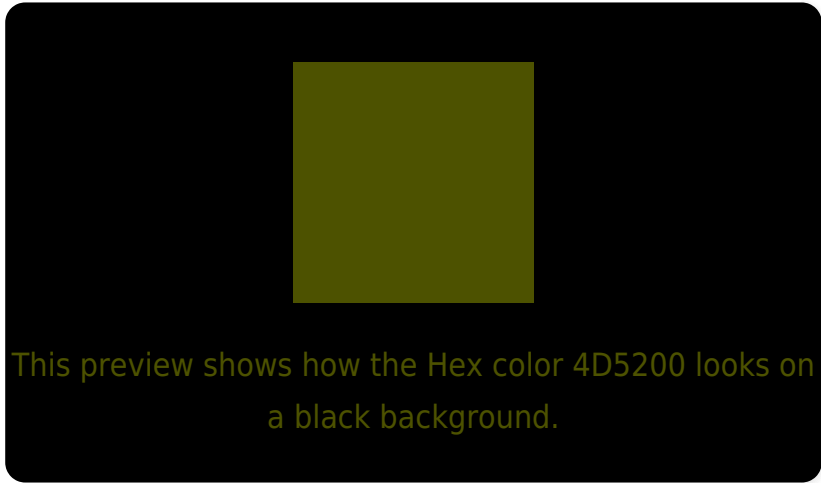
Large Text (above 18pt) WCAG AA ✓ Pass

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

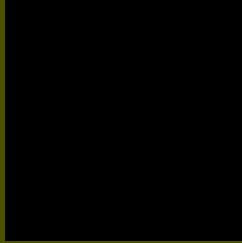
Any Text WCAG AA × Fail

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 4D5200 Background



This preview shows how black text looks on a background with the Hex color 4D5200.



This preview shows how white text looks on a background with the Hex color 4D5200.

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
4D5200

Protanopia
584E00

Deuteranopia
634A0D



Tritanopia
534C52

Trichromacy



Original Color
4D5200

Protanomaly
544F00

Deuteranomaly
5B4D08

Tritanomaly
514E34

Monochromacy



Original Color
4D5200

Achromatopsia
474747

Achromatomaly
494B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D5200 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 #4D5200 looks like.

```
.text, #text, p{  
    color:#4D5200  
}
```

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 #4D5200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5200
}
```

Border

The CSS property to change the border of an element to Hex 4D5200 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
#4D5200 }
```

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

```
.border{ border-color:#4D5200 }
```

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

Here you see how a box with a 4 pixel #4D5200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5200; -webkit-box-shadow:4px 4px  
4px 4px #4D5200; box-shadow:4px 4px 4px  
4px #4D5200 }
```

Background

The CSS property to change the background color of an element to Hex 4D5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5200 }
```

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

```
.background{ background-color:#4D5200 }
```

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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