

Converting Colors

Hex(204D00)

Have a look what the booklet for
Hex(204D00) contains.

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Color

Hex(204D00)

Conversions

Conversions Part 1

Format	Color
Hex	204D00
RGB	32, 77, 0
RGB Percent	13%, 30%, 0%
CMY	0.8745, 0.6980, 1.0000
CMYK	0.58, 0.00, 1.00, 0.70
HSL	95°, 100%, 15%
HSV	95°, 100%, 30%
XYZ	3.2495, 5.6148, 0.9125
YIQ	54.7670, -2.1030, -33.4870

Conversions

Conversions Part 2

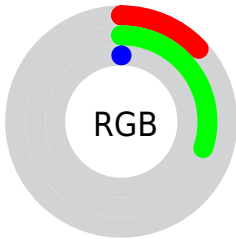
Format	Color
RYB	0, 77, 45
Decimal	2116864
CIELab	28.42, -29.18, 35.95
CIELCh	28, 46.301, 129.070
Yxy	5.6148, 0.3324, 0.5743
Android (android.graphics.Color)	4280306944 (0xFF204D00)
YUV	54.7670, -27.0001, -19.9667
Hunter-Lab	23.6956, -16.9885, 14.3037

Details

The Hex color **204D00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2D004D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **537F33**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **204D00**, and if you desaturate by 10%, it is **254D08**.

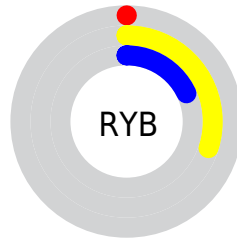
Distribution



Red (13%)

Green (30%)

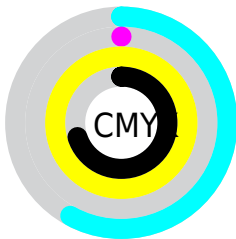
Blue (0%)



Red (0%)

Yellow (30%)

Blue (18%)

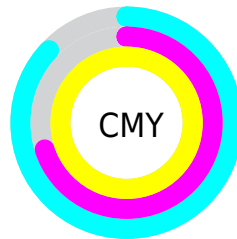


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (70%)



Cyan (87%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204D00 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 204D00 by changing the saturation by 10% instead.

 204D00

 204D00

 FFFFEB

 053600

 537F33

 002200

 6D994B

 000000

 87B464

 A2CF7D

 BEEC98

 DAFFB3

 F7FFCF

 204D00

 254D08

 294D0F

 2E4D17

 324D1F

 374D27

 3B4D2E

 3F4D36

 444D3E

 494D45

Harmonies

Analogous

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



494500



204D00



005128

Triad

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



204D00



004E86



81183A

Complementary

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



204D00



2D004D

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.



75205D



204D00



00448A

Square

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



204D00



00526F



51347B



7A2618

Rectangle

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



204D00



005241



51347B



7F1846

Sweetspot

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



204D00



526346



4D2D00



283321



B3B3B3



333333

Same Dimension

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



204D00



296300



004D06



242622



2A6600



5FE600

Inverse Universe

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



2D004D



3A0063



4D0047



252226



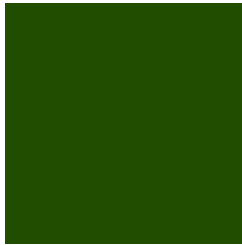
3C0066



8600E6

Previews

White Background



This preview shows how the Hex color 204D00 looks on a white background.

Color Contrast Check

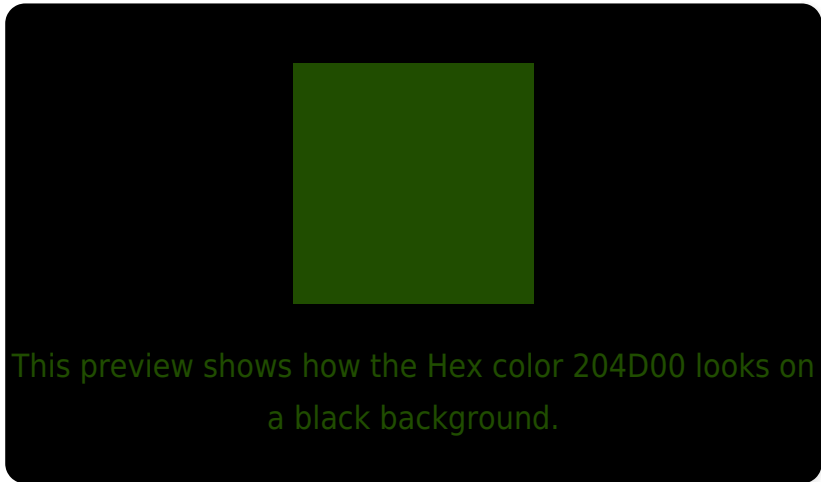
Large Text (above 18pt) WCAG AA ✓ Pass

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

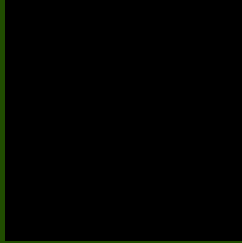
Any Text WCAG AA × Fail

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 204D00 Background



This preview shows how black text looks on a background with the Hex color 204D00.



This preview shows how white text looks on a background with the Hex color 204D00.

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](#).

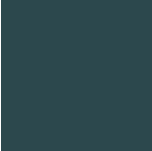
Dichromacy



Original Color
204D00

Protanopia
4C4300

Deuteranopia
544010



Tritanopia
2C484D

Trichromacy



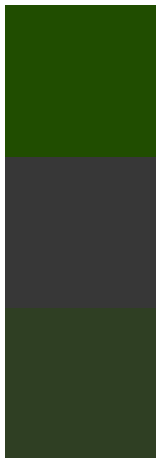
Original Color
204D00

Protanomaly
3C4700

Deuteranomaly
41450A

Tritanomaly
284A31

Monochromacy



Original Color
204D00

Achromatopsia
373737

Achromatomaly
2F3F23

CSS Examples

Text

The CSS property to change the color of the text to Hex 204D00 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 #204D00 looks like.

```
.text, #text, p{  
    color:#204D00  
}
```

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 #204D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204D00
}
```

Border

The CSS property to change the border of an element to Hex 204D00 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".

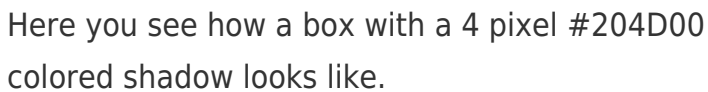
```
.border, #border, table{ border:4px solid
#204D00 }
```

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

```
.border{ border-color:#204D00 }
```

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

Here you see how a box with a 4 pixel #204D00 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204D00; -webkit-box-shadow:4px 4px  
4px 4px #204D00; box-shadow:4px 4px 4px  
4px #204D00 }
```

Background

The CSS property to change the background color of an element to Hex 204D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204D00 }
```

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

```
.background{ background-color:#204D00 }
```

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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