

# Converting Colors

Hex(204E00)

Have a look what the booklet for  
Hex(204E00) contains.

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**Color**

**Hex(204E00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	204E00
RGB	32, 78, 0
RGB Percent	13%, 31%, 0%
CMY	0.8745, 0.6941, 1.0000
CMYK	0.59, 0.00, 1.00, 0.69
HSL	95°, 100%, 15%
HSV	95°, 100%, 31%
XYZ	3.3201, 5.7559, 0.9360
YIQ	55.3540, -2.3780, -34.0100

# Conversions

## Conversions Part 2

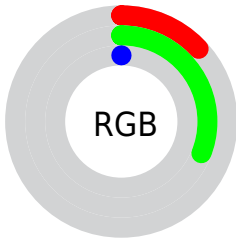
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 46
Decimal	2117120
CIELab	28.79, -29.61, 36.25
CIELCh	29, 46.801, 129.242
Yxy	5.7559, 0.3316, 0.5749
Android (android.graphics.Color)	4280307200 (0xFF204E00)
YUV	55.3540, -27.2895, -20.4815
Hunter-Lab	23.9914, -17.2831, 14.4808

# Details

The Hex color **204E00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2E004E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **538033**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **204E00**, and if you desaturate by 10%, it is **254E08**.

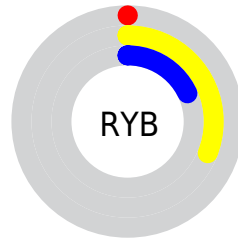
# Distribution



Red (13%)

Green (31%)

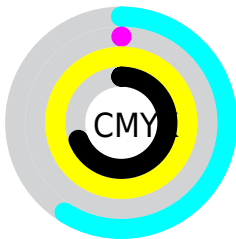
Blue (0%)



Red (0%)

Yellow (31%)

Blue (18%)

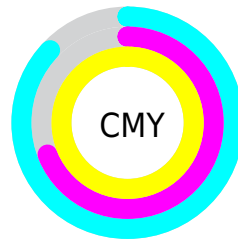


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (87%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 204E00 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 204E00 by changing the saturation by 10% instead.



 204E00

 204E00

 FFFFEC

 053700

 538033

 002200

 6D9A4B

 000000

 87B564

 A2D07E

 BEED98

 DAFFB3

 F7FFCF

 204E00

■ 254E08

■ 294E10

■ 2E4E17

■ 324E1F

■ 374E27

■ 3C4E2F

■ 404E37

■ 454E3E

■ 494E46

# Harmonies

## Analogous

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



4A4600



204E00



005229

# Triad

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



204E00



004F88



83183A

# Complementary

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



204E00



2E004E

# 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.



76205E



204E00



00458C

# Square

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



204E00



005371



52347C



7C2618

# Rectangle

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



204E00



005342



52347C



811846



# Sweetspot

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



204E00



546647



4E2E00



283321



B3B3B3



333333



# Same Dimension

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



204E00



2A6600



004E06



242622



5EE600

# Inverse Universe

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



2E004E



3C0066



4E0048



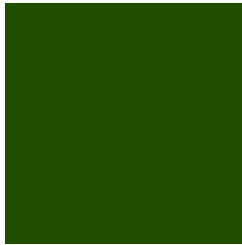
252226



8700E6

# Previews

## White Background



This preview shows how the Hex color 204E00 looks on a white background.

## Color Contrast Check

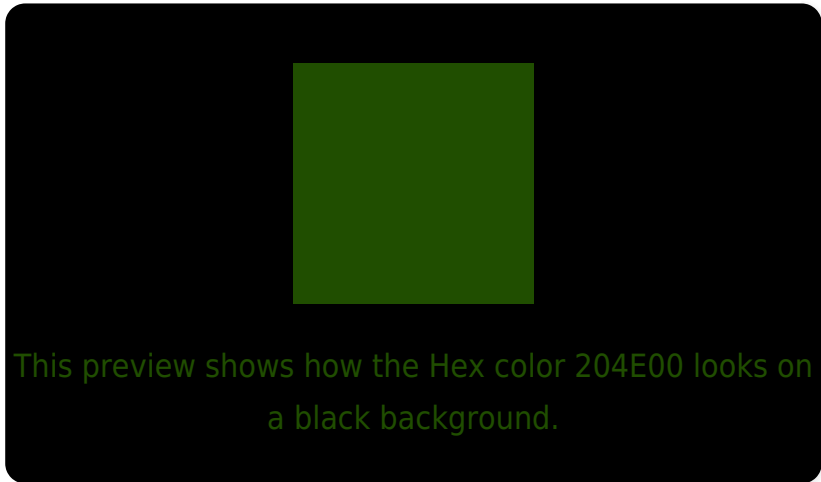
Large Text (above 18pt) WCAG AA ✓ Pass

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

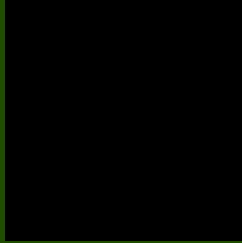
Any Text WCAG AA × Fail

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 204E00 Background



This preview shows how black text looks on a background with the Hex color 204E00.



This preview shows how white text looks on a background with the Hex color 204E00.

# 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**  
204E00

**Protanopia**  
4D4400

**Deuteranopia**  
554010





**Tritanopia**  
2C484E

# Trichromacy



**Original Color**  
204E00

**Protanomaly**  
3D4800

**Deuteranomaly**  
42450A

**Tritanomaly**  
284A32

# Monochromacy



**Original Color**  
204E00

**Achromatopsia**  
373737

**Achromatomaly**  
2F3F23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 204E00 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 #204E00 looks like.

```
.text, #text, p{  
    color:#204E00  
}
```

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 #204E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204E00  
}
```

## Border

The CSS property to change the border of an element to Hex 204E00 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  
#204E00 }
```

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

```
.border{ border-color:#204E00 }
```

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

Here you see how a box with a 4 pixel #204E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204E00; -webkit-box-shadow:4px 4px  
4px 4px #204E00; box-shadow:4px 4px 4px  
4px #204E00 }
```

# Background

The CSS property to change the background color of an element to Hex 204E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204E00 }
```

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

```
.background{ background-color:#204E00 }
```

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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