

Converting Colors

Hex(204E10)

Have a look what the booklet for
Hex(204E10) contains.

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Color

Hex(204E10)

Conversions

Conversions Part 1

Format	Color
Hex	204E10
RGB	32, 78, 16
RGB Percent	13%, 31%, 6%
CMY	0.8745, 0.6941, 0.9373
CMYK	0.59, 0.00, 0.79, 0.69
HSL	105°, 66%, 18%
HSV	105°, 79%, 31%
XYZ	3.4136, 5.7933, 1.4285
YIQ	57.1780, -7.5140, -29.0340

Conversions

Conversions Part 2

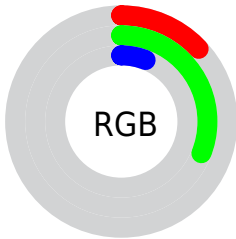
Format	Color
RYB	16, 78, 62
Decimal	2117136
CIELab	28.88, -28.50, 30.22
CIELCh	29, 41.539, 133.328
Yxy	5.7933, 0.3210, 0.5447
Android (android.graphics.Color)	4280307216 (0xFF204E10)
YUV	57.1780, -20.3008, -22.0811
Hunter-Lab	24.0692, -16.8056, 13.3296

Details

The Hex color **204E10** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3E104E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **52803F**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **1A4E08**, and if you desaturate by 10%, it is **264E18**.

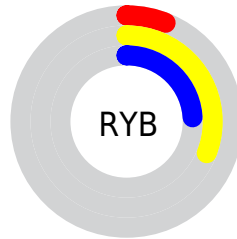
Distribution



Red (13%)

Green (31%)

Blue (6%)



Red (6%)

Yellow (31%)

Blue (24%)

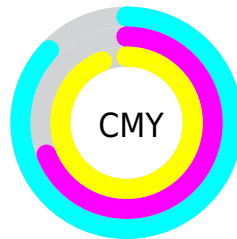


Cyan (59%)

Magenta (0%)

Yellow (79%)

Black (69%)



Cyan (87%)

Magenta (69%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204E10 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 204E10 by changing the saturation by 10% instead.

 204E10

 204E10

 FFFFF8

 063700

 52803F

 002200

 6C9A57

 000000

 86B570

 A1D18A

 BCEDA4

 D9FFC0

 F5FFDC

 204E10

 204E10

■ 1A4E08

■ 264E18

■ 144E00

■ 2C4E20

■ 314E27

■ 374E2F

■ 3D4E37

■ 434E3F

■ 494E47

■ 4E4E4E

■ 544E56

Harmonies

Analogous

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



464700



204E10



005230

Triad

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



204E10



004D82



7D2237

Complementary

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



204E10



3E104E

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.



742657



204E10



124383

Square

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



204E10



005170



573573



752E19

Rectangle

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



204E10



005347



573573



7C2142

Sweetspot

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



204E10



54664E



4E3D10



283324



B3B3B3



333333

Same Dimension

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



204E10



1E6605



104E1E



232622



1A6600



3BE600

Inverse Universe

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



3E104E



4D0566



4E1040



252226



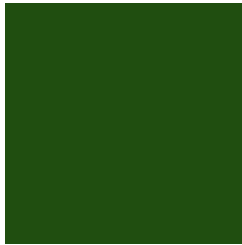
4C0066



AA00E6

Previews

White Background



This preview shows how the Hex color 204E10 looks on a white background.

Color Contrast Check

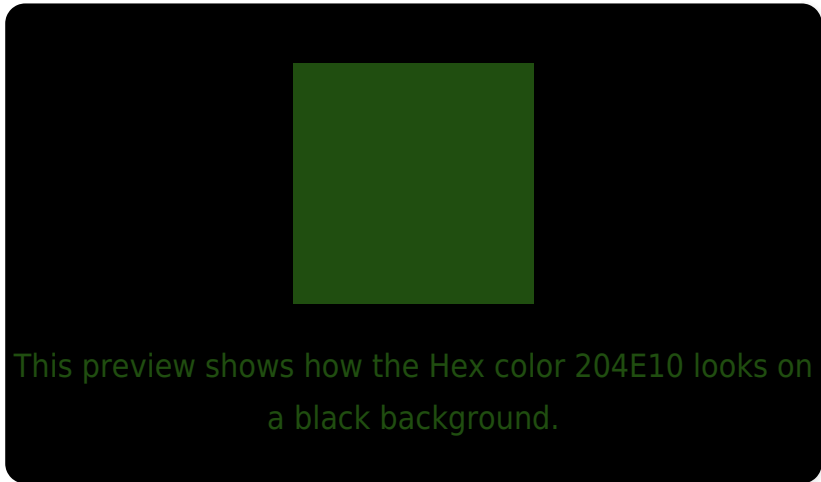
Large Text (above 18pt) WCAG AA ✓ Pass

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

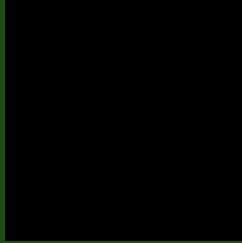
Any Text WCAG AA × Fail

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 204E10 Background



This preview shows how black text looks on a background with the Hex color 204E10.



This preview shows how white text looks on a background with the Hex color 204E10.

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](#).

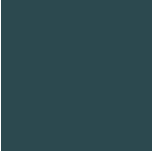
Dichromacy



Original Color
204E10

Protanopia
4D440D

Deuteranopia
554116



Tritanopia
2C494F

Trichromacy



Original Color
204E10

Protanomaly
3D480E

Deuteranomaly
424614

Tritanomaly
284B38

Monochromacy



Original Color
204E10

Achromatopsia
393939

Achromatomaly
30412A

CSS Examples

Text

The CSS property to change the color of the text to Hex 204E10 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 #204E10 looks like.

```
.text, #text, p{  
    color:#204E10  
}
```

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 #204E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204E10
}
```

Border

The CSS property to change the border of an element to Hex 204E10 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
#204E10 }
```

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

```
.border{ border-color:#204E10 }
```

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

Here you see how a box with a 4 pixel #204E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204E10; -webkit-box-shadow:4px 4px  
4px 4px #204E10; box-shadow:4px 4px 4px  
4px #204E10 }
```

Background

The CSS property to change the background color of an element to Hex 204E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204E10 }
```

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

```
.background{ background-color:#204E10 }
```

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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