

Converting Colors

Hex(20440E)

Have a look what the booklet for
Hex(20440E) contains.

Hex(20440E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(20440E)

Conversions

Conversions Part 1

Format	Color
Hex	20440E
RGB	32, 68, 14
RGB Percent	13%, 27%, 5%
CMY	0.8745, 0.7333, 0.9451
CMYK	0.53, 0.00, 0.79, 0.73
HSL	100°, 66%, 16%
HSV	100°, 79%, 27%
XYZ	2.7421, 4.4730, 1.1343
YIQ	51.0800, -4.1220, -24.4260

Conversions

Conversions Part 2

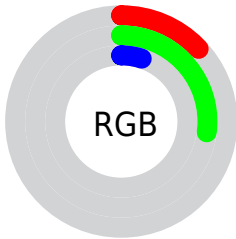
Format	Color
RYB	14, 68, 50
Decimal	2114574
CIELab	25.18, -24.14, 27.31
CIELCh	25, 36.453, 131.468
Yxy	4.4730, 0.3284, 0.5357
Android (android.graphics.Color)	4280304654 (0xFF20440E)
YUV	51.0800, -18.2804, -16.7332
Hunter-Lab	21.1495, -13.8690, 11.6247

Details

The Hex color **20440E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **320E44**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **50753C**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **1B4407**, and if you desaturate by 10%, it is **254415**.

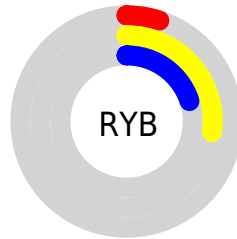
Distribution



Red (13%)

Green (27%)

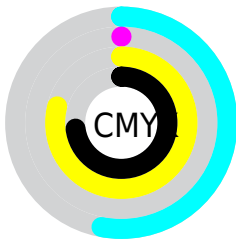
Blue (5%)



Red (5%)

Yellow (27%)

Blue (20%)

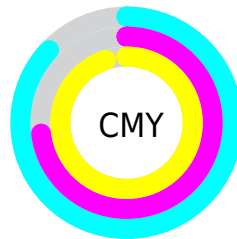


Cyan (53%)

Magenta (0%)

Yellow (79%)

Black (73%)



Cyan (87%)

Magenta (73%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20440E 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 20440E by changing the saturation by 10% instead.

 20440E

 20440E

 FFFFF4

 0A2D00

 50753C

 001B00

 698E53

 000000

 83A96C

 9EC486

 B9E0A0

 D5FDBB

 F2FFD7

 20440E

 20440E

■ 1B4407

■ 254415

■ 174400

■ 29441C

■ 2E4422

■ 324429

■ 374430

■ 3B4437

■ 40443E

■ 444444

■ 49444B

Harmonies

Analogous

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



3F3E00



20440E



004729

Triad

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



20440E



004370



6D1F32

Complementary

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



20440E



320E44

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.



64234E



20440E



0D3B72

Square

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



20440E



004760



4A2F65



672818

Rectangle

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



20440E



00483C



4A2F65



6C1F3C

Sweetspot

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



20440E



4B5944



44320E



252E21



ADADAD



2E2E2E

Same Dimension

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



20440E



215904



0E4417



1F211E



206100



4BE000

Inverse Universe

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



320E44



3D0459



440E3B



201E21



410061



9600E0

Previews

White Background



This preview shows how the Hex color 20440E looks on a white background.

Color Contrast Check

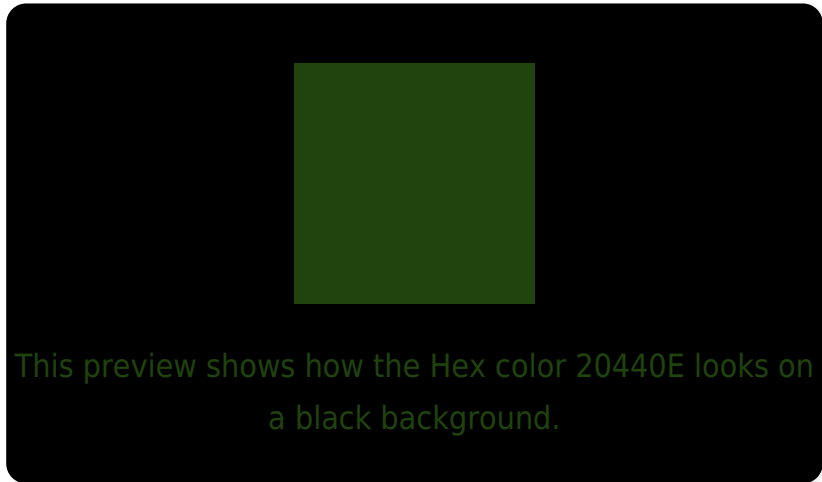
Large Text (above 18pt) WCAG AA ✓ Pass

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

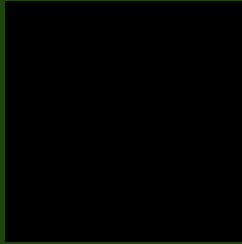
Any Text WCAG AA × Fail

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 20440E Background



This preview shows how black text looks on a background with the Hex color 20440E.



This preview shows how white text looks on a background with the Hex color 20440E.

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](#).

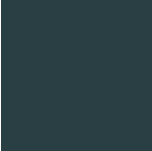
Dichromacy



Original Color
20440E

Protanopia
433C0C

Deuteranopia
4B3913



Tritanopia
293F44

Trichromacy



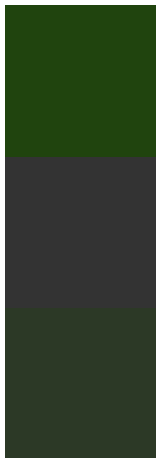
Original Color
20440E

Protanomaly
363F0D

Deuteranomaly
3B3D11

Tritanomaly
264130

Monochromacy



Original Color
20440E

Achromatopsia
333333

Achromatomaly
2C3926

CSS Examples

Text

The CSS property to change the color of the text to Hex 20440E 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 #20440E looks like.

```
.text, #text, p{  
    color:#20440E  
}
```

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 #20440E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20440E
}
```

Border

The CSS property to change the border of an element to Hex 20440E is called "border". The border property can be set on classes, ids or directly on the HTML element.

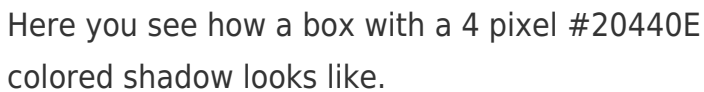
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20440E }
```

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

```
.border{ border-color:#20440E }
```

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



Here you see how a box with a 4 pixel #20440E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20440E; -webkit-box-shadow:4px 4px  
4px 4px #20440E; box-shadow:4px 4px 4px  
4px #20440E }
```

Background

The CSS property to change the background color of an element to Hex 20440E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20440E }
```

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

```
.background{ background-color:#20440E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor