

Converting Colors

Hex(1E5615)

Have a look what the booklet for
Hex(1E5615) contains.

Hex(1E5615)	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(1E5615)

Conversions

Conversions Part 1

Format	Color
Hex	1E5615
RGB	30, 86, 21
RGB Percent	12%, 34%, 8%
CMY	0.8824, 0.6627, 0.9176
CMYK	0.65, 0.00, 0.76, 0.66
HSL	112°, 61%, 21%
HSV	112°, 76%, 34%
XYZ	3.9986, 6.9857, 1.8471
YIQ	61.8460, -12.5110, -32.0870

Conversions

Conversions Part 2

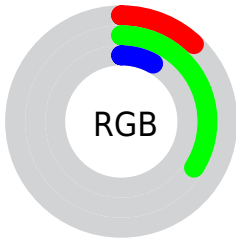
Format	Color
R_{YB}	21, 86, 77
Decimal	1988117
CIE _{Lab}	31.77, -32.03, 30.98
CIE _{LCh}	32, 44.559, 135.952
Yxy	6.9857, 0.3116, 0.5444
Android (android.graphics.Color)	4280178197 (0xFF1E5615)
YUV	61.8460, -20.1371, -27.9289
Hunter-Lab	26.4305, -19.2489, 14.3579

Details

The Hex color **1E5615** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D1556**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **528844**, and **002800** is the 20% darker color. If you saturate the color by 10%, you get **17560C**, and if you desaturate by 10%, it is **25561E**.

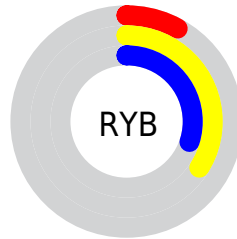
Distribution



Red (12%)

Green (34%)

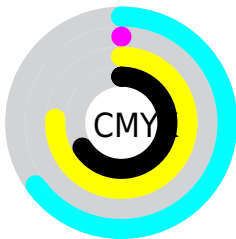
Blue (8%)



Red (8%)

Yellow (34%)

Blue (30%)

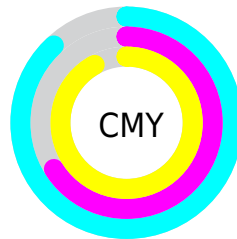


Cyan (65%)

Magenta (0%)

Yellow (76%)

Black (66%)



Cyan (88%)

Magenta (66%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E5615 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 1E5615 by changing the saturation by 10% instead.



1E5615



1E5615

FFFFFF



003E00



528844



002800



6CA35C



000C00



86BE76



000000



A1DA90



BDF7AB



D9FFC6



F6FFE2



1E5615



1E5615

■ 17560C

■ 25561E

■ 0F5604

■ 2D5626

■ 0C5600

■ 34562F

■ 3C5637

■ 435640

■ 4A5649

■ 525651

■ 59565A

■ 615662

Harmonies

Analogous

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



494F00



1E5615



005A39

Triad

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



1E5615



00538F



89263A

Complementary

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



1E5615



4D1556

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.



81285D



1E5615



21488E

Square

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



1E5615



00597D



63387C



7F3419

Rectangle

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



1E5615



005B51



63387C



882545

Sweetspot

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



1E5615



5A7056



564C15



2B3828



B8B8B8



383838

Same Dimension

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



1E5615



18700A



15562C



282B27



0F6B00



20EB00

Inverse Universe

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



4D1556



620A70



56153F



2B272B



5C006B



CA00EB

Previews

White Background



This preview shows how the Hex color 1E5615 looks on a white background.

Color Contrast Check

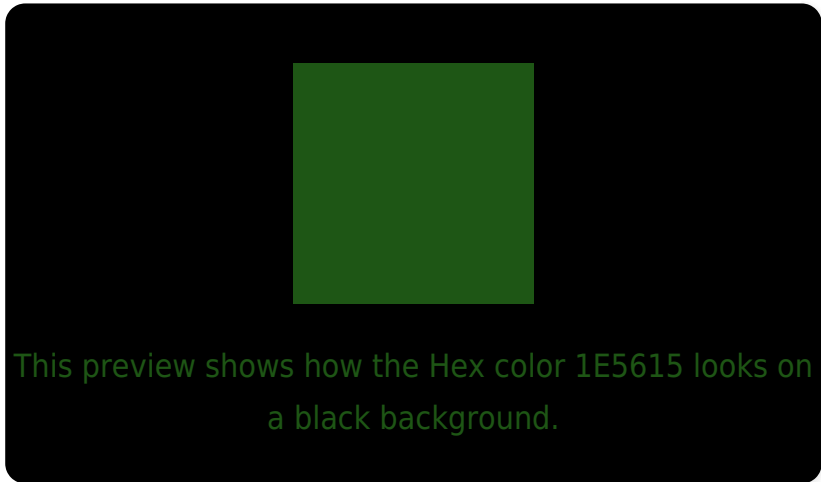
Large Text (above 18pt) WCAG AA ✓ Pass

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

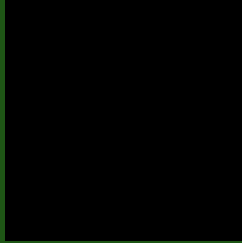
Any Text WCAG AA × Fail

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 1E5615 Background



This preview shows how black text looks on a background with the Hex color 1E5615.



This preview shows how white text looks on a background with the Hex color 1E5615.

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
1E5615

Protanopia
544B12

Deuteranopia
5D471B

Trichromacy



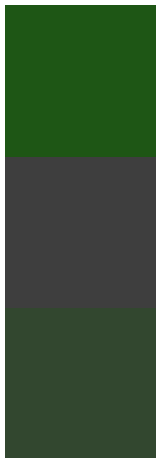
Original Color
1E5615

Protanomaly
404F13

Deuteranomaly
464C19

Tritanomaly
28523F

Monochromacy



Original Color
1E5615

Achromatopsia
3E3E3E

Achromatomaly
32472F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E5615 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 #1E5615 looks like.

```
.text, #text, p{  
    color:#1E5615  
}
```

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 #1E5615 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E5615
}
```

Border

The CSS property to change the border of an element to Hex 1E5615 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".

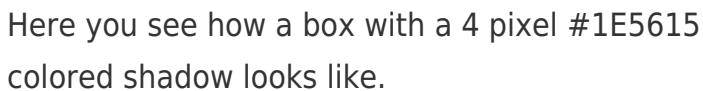
```
.border, #border, table{ border:4px solid
#1E5615 }
```

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

```
.border{ border-color:#1E5615 }
```

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

Here you see how a box with a 4 pixel #1E5615 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E5615; -webkit-box-shadow:4px 4px  
4px 4px #1E5615; box-shadow:4px 4px 4px  
4px #1E5615 }
```

Background

The CSS property to change the background color of an element to Hex 1E5615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E5615 }
```

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

```
.background{ background-color:#1E5615 }
```

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