

Converting Colors

Hex(185E18)

Have a look what the booklet for
Hex(185E18) contains.

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Color

Hex(185E18)

Conversions

Conversions Part 1

Format	Color
Hex	185E18
RGB	24, 94, 24
RGB Percent	9%, 37%, 9%
CMY	0.9059, 0.6314, 0.9059
CMYK	0.74, 0.00, 0.74, 0.63
HSL	120°, 59%, 23%
HSV	120°, 74%, 37%
XYZ	4.5443, 8.2655, 2.2201
YIQ	65.0900, -19.2500, -36.6100

Conversions

Conversions Part 2

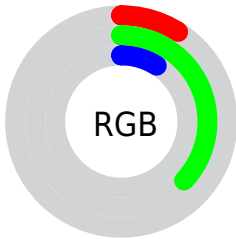
Format	Color
R_YB	24, 94, 94
Decimal	1596952
CIE Lab	34.53, -36.33, 32.48
CIE LCh	35, 48.732, 138.199
Yxy	8.2655, 0.3023, 0.5499
Android (android.graphics.Color)	4279787032 (0xFF185E18)
YUV	65.0900, -20.2574, -36.0359
Hunter-Lab	28.7499, -22.0982, 15.5465

Details

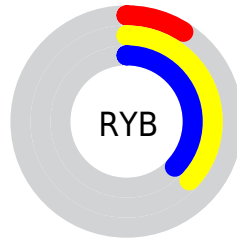
The Hex color **185E18** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5E185E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4F9148**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **0F5E0F**, and if you desaturate by 10%, it is **215E21**.

Distribution



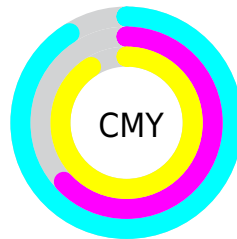
- Red (9%)
- Green (37%)
- Blue (9%)



- Red (9%)
- Yellow (37%)
- Blue (37%)



- Cyan (74%)
- Magenta (0%)
- Yellow (74%)
- Black (63%)



- Cyan (91%)
- Magenta (63%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 185E18 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 185E18 by changing the saturation by 10% instead.

 185E18

 185E18

FFFFFF

 004600

 4F9148

 002F00

 6AAC60

 001800

 85C87A

 000000

 A0E494

 BCFFAF

 D8FFCB

 F6FFE7

 185E18

 185E18

■ 0F5E0F

■ 215E21

■ 055E05

■ 2B5E2B

■ 005E00

■ 345E34

■ 3E5E3E

■ 475E47

■ 505E50

■ 5A5E5A

■ 635E63

■ 6D5E6D

Harmonies

Analogous

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



4C5700



185E18



006240

Triad

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



185E18



005A9D



95283B

Complementary

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



185E18



5E185E

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.



8E2962



185E18



2A4E9C

Square

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



185E18



00618B



703B85



893917

Rectangle

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



185E18



00635B



703B85



952648

Sweetspot

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



185E18



5F7A5F



5E5E18



2D3D2D



BDBDBD



3D3D3D

Same Dimension

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



185E18



0D7A0D



185E3B



292E29



006E00



00ED00

Inverse Universe

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



5E185E



7A0D7A



5E183B



2E292E



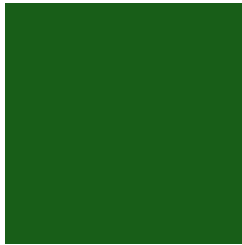
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 185E18 looks on a white background.

Color Contrast Check

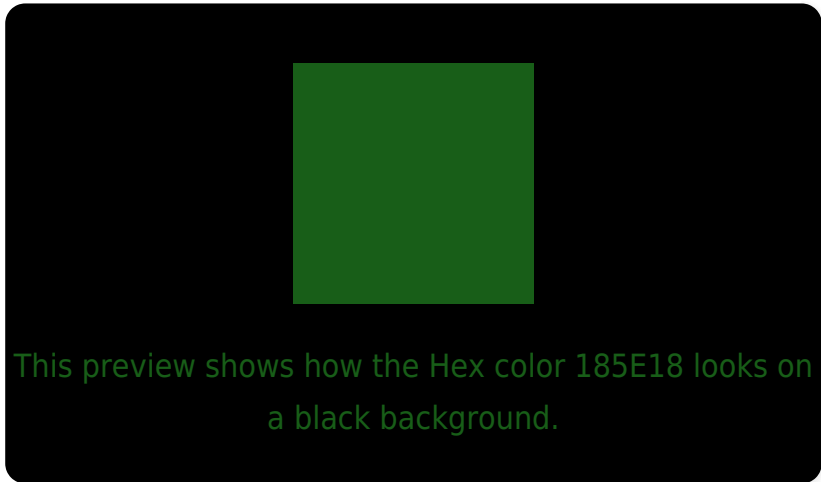
Large Text (above 18pt) WCAG AA ✓ Pass

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 185E18 Background



This preview shows how black text looks on a background with the Hex color 185E18.



This preview shows how white text looks on a background with the Hex color 185E18.

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](#).

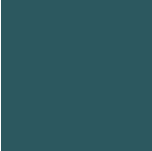
Dichromacy



Original Color
185E18

Protanopia
5B5115

Deuteranopia
654D1F



Tritanopia
2C585F

Trichromacy



Original Color
185E18

Protanomaly
435616

Deuteranomaly
49531C

Tritanomaly
255A45

Monochromacy



Original Color
185E18

Achromatopsia
414141

Achromatomaly
324C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 185E18 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 #185E18 looks like.

```
.text, #text, p{  
    color:#185E18  
}
```

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 #185E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185E18
}
```

Border

The CSS property to change the border of an element to Hex 185E18 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".

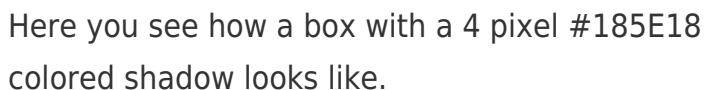
```
.border, #border, table{ border:4px solid
#185E18 }
```

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

```
.border{ border-color:#185E18 }
```

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

Here you see how a box with a 4 pixel #185E18 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185E18; -webkit-box-shadow:4px 4px  
4px 4px #185E18; box-shadow:4px 4px 4px  
4px #185E18 }
```

Background

The CSS property to change the background color of an element to Hex 185E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185E18 }
```

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

```
.background{ background-color:#185E18 }
```

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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