

# Converting Colors

Hex(145D38)

Have a look what the booklet for  
Hex(145D38) contains.

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# Color

Hex(145D38)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	145D38
RGB	20, 93, 56
RGB Percent	8%, 36%, 22%
CMY	0.9216, 0.6353, 0.7804
CMYK	0.78, 0.00, 0.40, 0.64
HSL	150°, 65%, 22%
HSV	150°, 78%, 36%
XYZ	4.9167, 8.2629, 5.0772
YIQ	66.9550, -31.6310, -26.9830

# Conversions

## Conversions Part 2

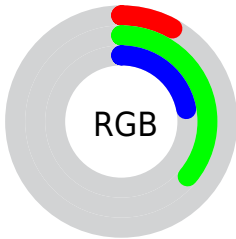
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 69, 93
Decimal	1334584
CIE <sub>Lab</sub>	34.52, -31.48, 15.13
CIE <sub>LCh</sub>	35, 34.923, 154.336
Yxy	8.2629, 0.2693, 0.4526
Android (android.graphics.Color)	4279524664 (0xFF145D38)
YUV	66.9550, -5.4008, -41.1795
Hunter-Lab	28.7453, -19.7734, 9.6496

# Details

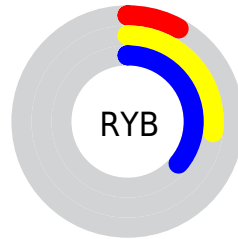
The Hex color **145D38** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D1439**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4B9067**, and **002E0D** is the 20% darker color. If you saturate the color by 10%, you get **0B5D33**, and if you desaturate by 10%, it is **1D5D3D**.

# Distribution



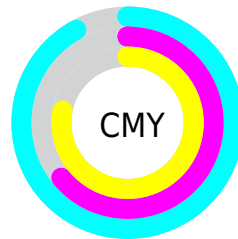
- Red (8%)
- Green (36%)
- Blue (22%)



- Red (8%)
- Yellow (27%)
- Blue (36%)



- Cyan (78%)
- Magenta (0%)
- Yellow (40%)
- Black (64%)



- Cyan (92%)
- Magenta (64%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 145D38 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 145D38 by changing the saturation by 10% instead.



 145D38

 145D38

FFFFFF

 004522

 4B9067

 002E0D

 66AB80

 001800

 80C69B

 000000

 9BE3B5

 B7FFD1

 D3FFED

 F0FFFF

 145D38

 145D38

■ 0B5D33

■ 1D5D3D

■ 015D2F

■ 275D41

■ 005D2E

■ 305D46

■ 395D4B

■ 435D50

■ 4C5D54

■ 555D59

■ 5E5D5E

■ 685D62

# Harmonies

## Analogous

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



405921



145D38



005F55

# Triad

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



145D38



1F5389



823D33

# Complementary

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



145D38



5D1439

# 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.



84384E



145D38



58487F

# Square

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



145D38



005A83



763D6A



73471E

# Rectangle

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



145D38



005F67



763D6A



843A3C



# Sweetspot

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



145D38



5B7869



3A5D14



2B3D34



BDBDBD



3D3D3D



# Same Dimension

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



145D38



07783F



145D5C



292E2C



006E36



00ED75



# Inverse Universe

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



5D1439



780740



5D1415



2E292C



6E0038

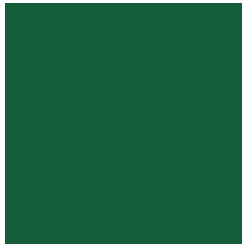


ED0078



# Previews

## White Background



This preview shows how the Hex color 145D38 looks on a white background.

## Color Contrast Check

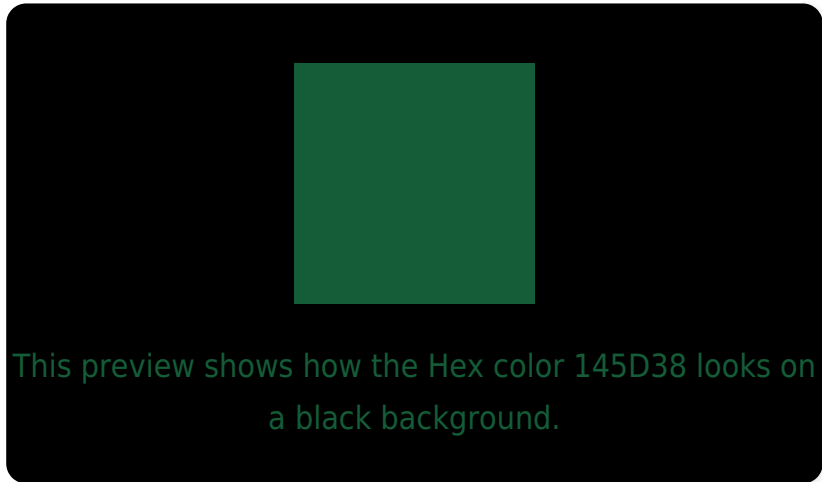
Large Text (above 18pt) WCAG AA ✓ Pass

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 145D38 Background



This preview shows how black text looks on a background with the Hex color 145D38.



This preview shows how white text looks on a background with the Hex color 145D38.

# 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](#).

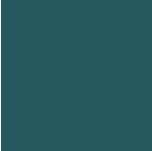
## Dichromacy



**Original Color**  
145D38

**Protanopia**  
585133

**Deuteranopia**  
604E3C



**Tritanopia**  
26585F

# Trichromacy



**Original Color**

145D38

**Protanomaly**

3F5535

**Deuteranomaly**

44533B

**Tritanomaly**

1F5A51

# Monochromacy



**Original Color**

145D38

**Achromatopsia**

434343

**Achromatomaly**

324C3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 145D38 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 #145D38 looks like.

```
.text, #text, p{  
    color:#145D38  
}
```

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 #145D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145D38
}
```

## Border

The CSS property to change the border of an element to Hex 145D38 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
#145D38 }
```

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

```
.border{ border-color:#145D38 }
```

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

Here you see how a box with a 4 pixel #145D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145D38; -webkit-box-shadow:4px 4px  
4px 4px #145D38; box-shadow:4px 4px 4px  
4px #145D38 }
```

# Background

The CSS property to change the background color of an element to Hex 145D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145D38 }
```

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

```
.background{ background-color:#145D38 }
```

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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