

Converting Colors

Hex(145A23)

Have a look what the booklet for
Hex(145A23) contains.

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Color

Hex(145A23)

Conversions

Conversions Part 1

Format	Color
Hex	145A23
RGB	20, 90, 35
RGB Percent	8%, 35%, 14%
CMY	0.9216, 0.6471, 0.8627
CMYK	0.78, 0.00, 0.61, 0.65
HSL	133°, 64%, 22%
HSV	133°, 78%, 35%
XYZ	4.2480, 7.5824, 2.8298
YIQ	62.8000, -24.0650, -31.9450

Conversions

Conversions Part 2

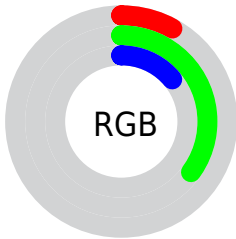
Format	Color
R_{YB}	20, 78, 90
Decimal	1333795
CIE _{Lab}	33.10, -34.19, 25.41
CIE _{LCh}	33, 42.596, 143.378
Yxy	7.5824, 0.2898, 0.5172
Android (android.graphics.Color)	4279523875 (0xFF145A23)
YUV	62.8000, -13.7054, -37.5356
Hunter-Lab	27.5362, -20.6509, 13.1824

Details

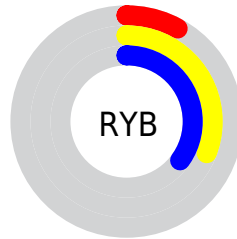
The Hex color **145A23** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5A144B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4B8D51**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **0B5A1C**, and if you desaturate by 10%, it is **1D5A2A**.

Distribution



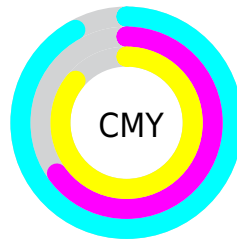
- Red (8%)
- Green (35%)
- Blue (14%)



- Red (8%)
- Yellow (31%)
- Blue (35%)



- Cyan (78%)
- Magenta (0%)
- Yellow (61%)
- Black (65%)



- Cyan (92%)
- Magenta (65%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 145A23 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 145A23 by changing the saturation by 10% instead.

 145A23

 145A23

FFFFFF

 00420D

 4B8D51

 002B00

 65A86A

 001300

 80C384

 000000

 9BDF9E

 B7FCB9

 D3FFD5

 F0FFF1

 145A23

 145A23

■ 0B5A1C

■ 1D5A2A

■ 025A15

■ 265A31

■ 005A13

■ 2F5A38

■ 385A3F

■ 415A46

■ 4A5A4D

■ 535A55

■ 5C5A5C

■ 655A63

Harmonies

Analogous

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



455404



145A23



005D45

Triad

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



145A23



005491



892E35

Complementary

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



145A23



5A144B

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.



862C57



145A23



3E488C

Square

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



145A23



005B83



6F3976



7C3C17

Rectangle

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



145A23



005D5C



6F3976



8A2C40

Sweetspot

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



145A23



5A7560



4C5A14



2A3B2E



BABABA



3B3B3B

Same Dimension

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



145A23



087520



145A45



292E2A



006E17



00ED33

Inverse Universe

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



5A144B



75085E



5A1429



2E292D



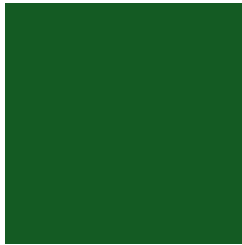
6E0056



ED00BA

Previews

White Background



This preview shows how the Hex color 145A23 looks on a white background.

Color Contrast Check

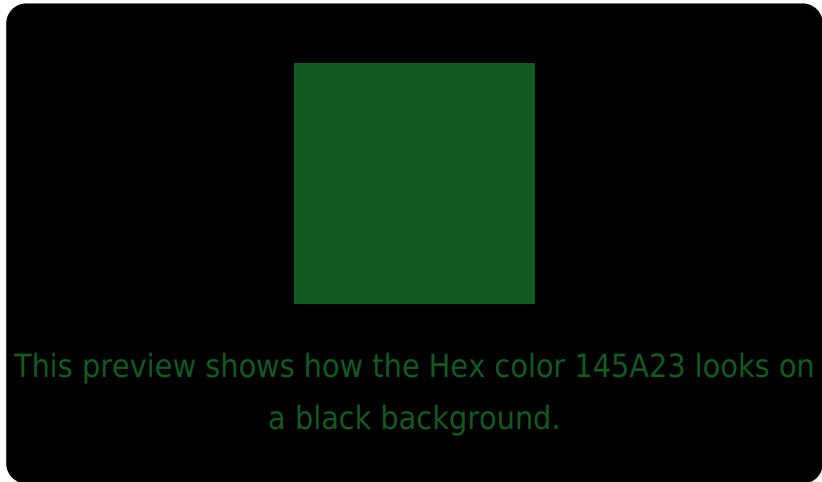
Large Text (above 18pt) WCAG AA ✓ Pass

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 145A23 Background



This preview shows how black text looks on a background with the Hex color 145A23.



This preview shows how white text looks on a background with the Hex color 145A23.

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
145A23

Protanopia
574E1F

Deuteranopia
5F4A28



Tritanopia
28545B

Trichromacy



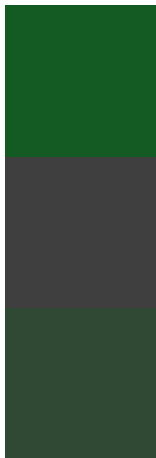
Original Color
145A23

Protanomaly
3F5220

Deuteranomaly
445026

Tritanomaly
215647

Monochromacy



Original Color
145A23

Achromatopsia
3F3F3F

Achromatomaly
2F4935

CSS Examples

Text

The CSS property to change the color of the text to Hex 145A23 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 #145A23 looks like.

```
.text, #text, p{  
    color:#145A23  
}
```

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 #145A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145A23
}
```

Border

The CSS property to change the border of an element to Hex 145A23 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".

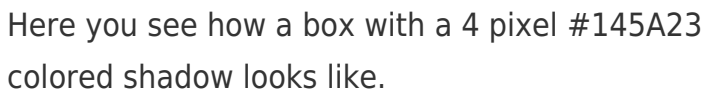
```
.border, #border, table{ border:4px solid
#145A23 }
```

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

```
.border{ border-color:#145A23 }
```

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

Here you see how a box with a 4 pixel #145A23 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145A23; -webkit-box-shadow:4px 4px  
4px 4px #145A23; box-shadow:4px 4px 4px  
4px #145A23 }
```

Background

The CSS property to change the background color of an element to Hex 145A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145A23 }
```

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

```
.background{ background-color:#145A23 }
```

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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