

Converting Colors

Hex(193415)

Have a look what the booklet for
Hex(193415) contains.

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Color

Hex(193415)

Conversions

Conversions Part 1

Format	Color
Hex	193415
RGB	25, 52, 21
RGB Percent	10%, 20%, 8%
CMY	0.9020, 0.7961, 0.9176
CMYK	0.52, 0.00, 0.60, 0.80
HSL	112°, 42%, 14%
HSV	112°, 60%, 20%
XYZ	1.7643, 2.7168, 1.1409
YIQ	40.3930, -6.1410, -15.3650

Conversions

Conversions Part 2

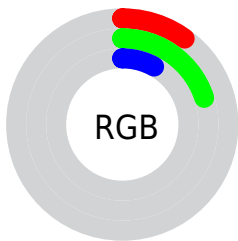
Format	Color
R_{YB}	21, 52, 48
Decimal	1651733
CIE _{Lab}	18.87, -17.92, 16.36
CIE _{LCh}	19, 24.267, 137.612
Yxy	2.7168, 0.3138, 0.4833
Android (android.graphics.Color)	4279841813 (0xFF193415)
YUV	40.3930, -9.5607, -13.4997
Hunter-Lab	16.4827, -9.7387, 7.4341

Details


The Hex color **193415** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **301534**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **476340**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **143410**, and if you desaturate by 10%, it is **1E341A**.

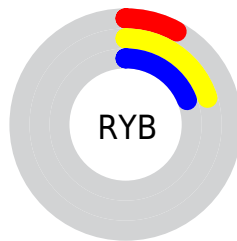
Distribution



 Red (10%)

 Green (20%)

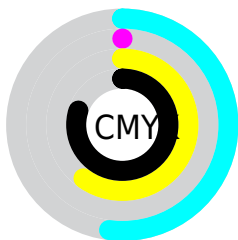
 Blue (8%)




 Red (8%)

 Yellow (20%)

 Blue (19%)

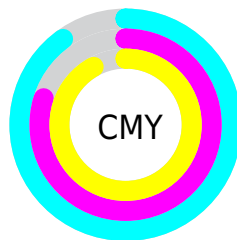



 Cyan (52%)


 Magenta (0%)

 Yellow (60%)

 Black (80%)



 Cyan (90%)

 Magenta (80%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193415 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 193415 by changing the saturation by 10% instead.

 193415

 193415

 FFFFF8

 031F00

 476340

 000000

 5F7C58

 789670

 92B08A

 ADCCA4

 C8E8BF

 E4FFDB

 193415

 193415

■ 143410

■ 1E341A

■ 10340B

■ 22341F

■ 0B3405

■ 273425

■ 073400

■ 2B342A

■ 30342F

■ 343434

■ 393439

■ 3D343F

■ 423444

Harmonies

Analogous

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



2E3009



193415



003626

Triad

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



193415



003250



4E1F24

Complementary

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



193415



301534

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.



4A1F36



193415



222C4F

Square

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



193415



003547



3C2546



492414

Rectangle

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



193415



003732



3C2546



4E1E2A

Sweetspot

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



193415



3A4538



343015



1D241C



A3A3A3



242424

Same Dimension

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



193415



1A4513



153420



171A17



0C5900



1CD900

Inverse Universe

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



301534



3E1345



341529



19171A



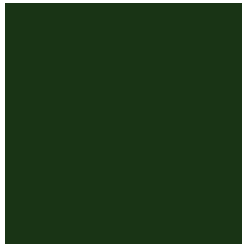
4E0059



BD00D9

Previews

White Background



This preview shows how the Hex color 193415 looks on a white background.

Color Contrast Check

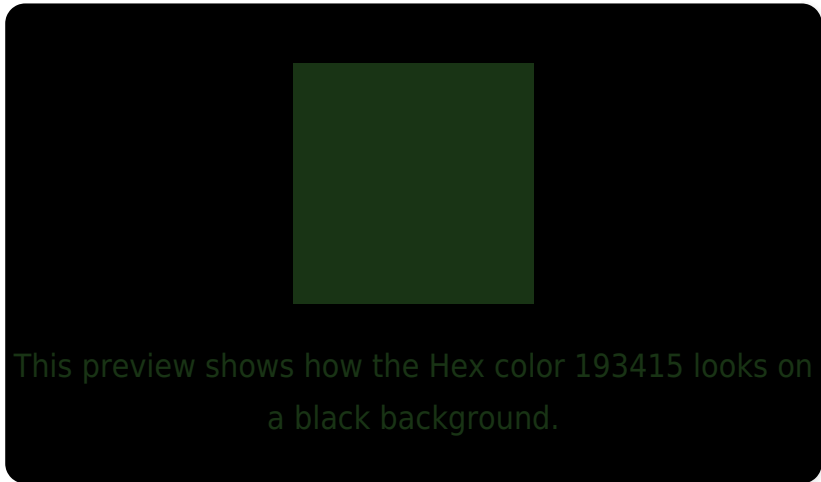
Large Text (above 18pt) WCAG AA ✓ Pass

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

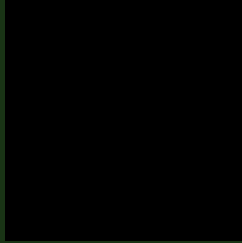
Any Text WCAG AA × Fail

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 193415 Background



This preview shows how black text looks on a background with the Hex color 193415.



This preview shows how white text looks on a background with the Hex color 193415.

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
193415

Protanopia
332E13

Deuteranopia
382C17



Tritanopia
1F3135

Trichromacy



Original Color
193415

Protanomaly
2A3014

Deuteranomaly
2D2F16

Tritanomaly
1D3229

Monochromacy



Original Color
193415

Achromatopsia
282828

Achromatomaly
232C21

CSS Examples

Text

The CSS property to change the color of the text to Hex 193415 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 #193415 looks like.

```
.text, #text, p{  
    color:#193415  
}
```

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 #193415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193415
}
```

Border

The CSS property to change the border of an element to Hex 193415 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".

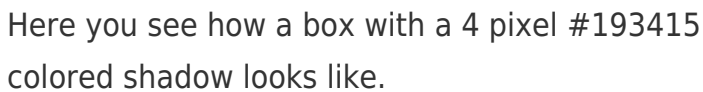
```
.border, #border, table{ border:4px solid
#193415 }
```

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

```
.border{ border-color:#193415 }
```

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

Here you see how a box with a 4 pixel #193415 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 #193415; -webkit-box-shadow:4px 4px  
4px 4px #193415; box-shadow:4px 4px 4px  
4px #193415 }
```

Background

The CSS property to change the background color of an element to Hex 193415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193415 }
```

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

```
.background{ background-color:#193415 }
```

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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