

Converting Colors

Hex(133545)

Have a look what the booklet for
Hex(133545) contains.

Hex(133545)	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(133545)

Conversions

Conversions Part 1

Format	Color
Hex	133545
RGB	19, 53, 69
RGB Percent	7%, 21%, 27%
CMY	0.9255, 0.7922, 0.7294
CMYK	0.72, 0.23, 0.00, 0.73
HSL	199°, 57%, 17%
HSV	199°, 72%, 27%
XYZ	2.6158, 3.1143, 6.0935
YIQ	44.6580, -25.4000, -2.2320

Conversions

Conversions Part 2

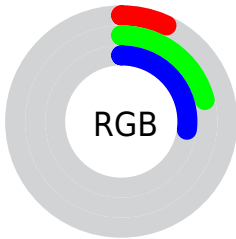
Format	Color
R_{YB}	19, 39, 69
Decimal	1258821
CIE _{Lab}	20.50, -6.35, -13.58
CIE _{LCh}	20, 14.988, 244.930
Yxy	3.1143, 0.2212, 0.2634
Android (android.graphics.Color)	4279448901 (0xFF133545)
YUV	44.6580, 12.0006, -22.5021
Hunter-Lab	17.6474, -4.4244, -8.1190

Details

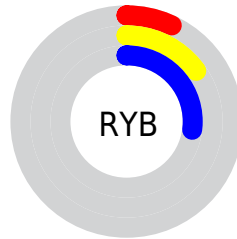
The Hex color **133545** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **452313**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **446475**, and **00051A** is the 20% darker color. If you saturate the color by 10%, you get **0C3345**, and if you desaturate by 10%, it is **1A3745**.

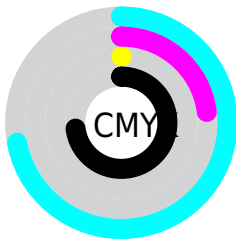
Distribution



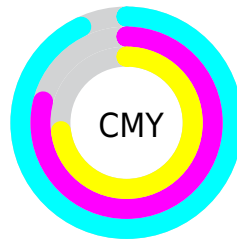
- Red (7%)
- Green (21%)
- Blue (27%)



- Red (7%)
- Yellow (15%)
- Blue (27%)



- Cyan (72%)
- Magenta (23%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (79%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133545 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 133545 by changing the saturation by 10% instead.

■ 133545

■ 133545

FFFFFF

■ 00202F

■ 446475

■ 00051A

■ 5D7C8F

■ 000000

■ 7796A9

■ 91B1C5

■ ACCCE1

■ C8E9FD

■ E4FFFF

■ 133545

■ 133545

■ 0C3345

■ 1A3745

■ 053145

■ 213945

■ 002F45

■ 283C45

■ 2F3E45

■ 364045

■ 3C4245

■ 434445

■ 4A4745

■ 514945

Harmonies

Analogous

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



08373E



133545



253247

Triad

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



133545



472930



2B341F

Complementary

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



133545



452313

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.



37311B



133545



462A25

Square

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



133545



412A3B



402E1E



1E3728

Rectangle

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



133545



302F45



402E1E



2F341D

Sweetspot

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



133545



465359



134523



222A2E



ADADAD



2E2E2E

Same Dimension

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



133545



0C4059



131C45



202324



004463



009AE3

Inverse Universe

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



451335



590C40



453C13



242023



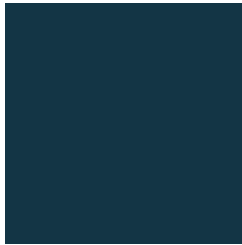
630044



E3009A

Previews

White Background



This preview shows how the Hex color 133545 looks on a white background.

Color Contrast Check

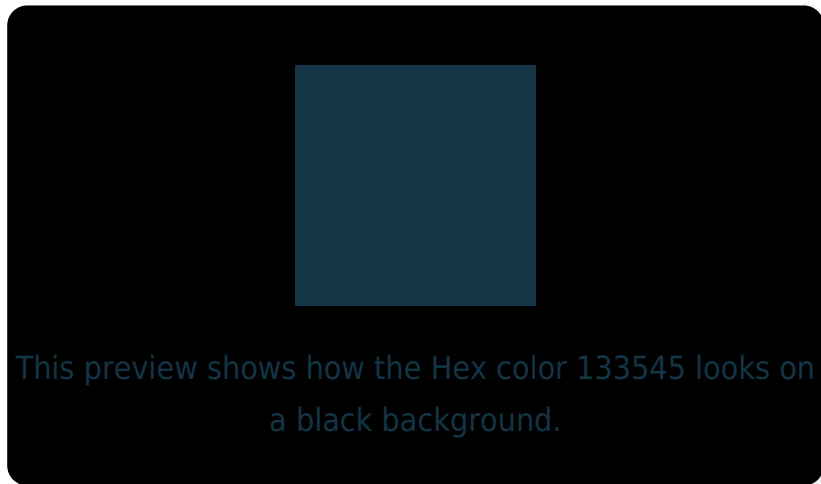
Large Text (above 18pt) WCAG AA ✓ Pass

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

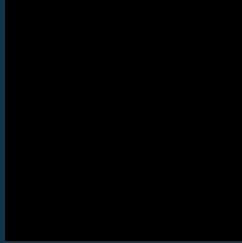
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

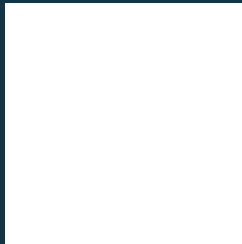
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 133545 Background



This preview shows how black text looks on a background with the Hex color 133545.



This preview shows how white text looks on a background with the Hex color 133545.

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
133545

Protanopia
2D3142

Deuteranopia
2A3146



Tritanopia
0B373B

Trichromacy



Original Color

133545

Protanomaly

243243

Deuteranomaly

223246

Tritanomaly

0E363F

Monochromacy



Original Color

133545

Achromatopsia

2D2D2D

Achromatomaly

243036

CSS Examples

Text

The CSS property to change the color of the text to Hex 133545 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 #133545 looks like.

```
.text, #text, p{  
    color:#133545  
}
```

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 #133545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133545
}
```

Border

The CSS property to change the border of an element to Hex 133545 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
#133545 }
```

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

```
.border{ border-color:#133545 }
```

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

Here you see how a box with a 4 pixel #133545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133545; -webkit-box-shadow:4px 4px  
4px 4px #133545; box-shadow:4px 4px 4px  
4px #133545 }
```

Background

The CSS property to change the background color of an element to Hex 133545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133545 }
```

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

```
.background{ background-color:#133545 }
```

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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