

Converting Colors

Hex(133C54)

Have a look what the booklet for
Hex(133C54) contains.

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Color

Hex(133C54)

Conversions

Conversions Part 1

Format	Color
Hex	133C54
RGB	19, 60, 84
RGB Percent	7%, 24%, 33%
CMY	0.9255, 0.7647, 0.6706
CMYK	0.77, 0.29, 0.00, 0.67
HSL	202°, 63%, 20%
HSV	202°, 77%, 33%
XYZ	3.4847, 4.0103, 8.9779
YIQ	50.4770, -32.1400, -1.2280

Conversions

Conversions Part 2

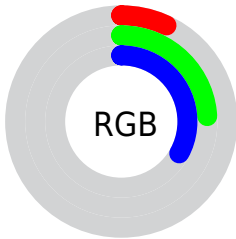
Format	Color
R_{YB}	19, 44, 84
Decimal	1260628
CIE _{Lab}	23.71, -5.04, -18.59
CIE _{LCh}	24, 19.264, 254.830
Yxy	4.0103, 0.2115, 0.2434
Android (android.graphics.Color)	4279450708 (0xFF133C54)
YUV	50.4770, 16.5268, -27.6053
Hunter-Lab	20.0256, -3.9841, -12.5630

Details

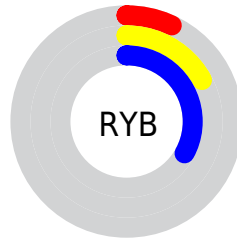
The Hex color **133C54** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **542B13**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **486B86**, and **001227** is the 20% darker color. If you saturate the color by 10%, you get **0B3954**, and if you desaturate by 10%, it is **1B3F54**.

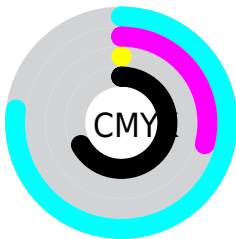
Distribution



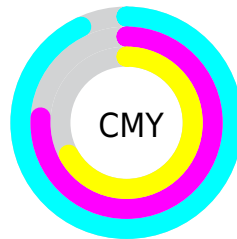
- Red (7%)
- Green (24%)
- Blue (33%)



- Red (7%)
- Yellow (17%)
- Blue (33%)



- Cyan (77%)
- Magenta (29%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133C54 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 133C54 by changing the saturation by 10% instead.

■ 133C54

■ 133C54

FFFFFF

■ 00263D

■ 486B86

■ 001227

■ 6184A0

■ 000111

■ 7B9EBB

■ 000000

■ 96B9D7

■ B2D5F3

■ CEF1FF

■ EAEFFF

■ 133C54

■ 133C54

■ 0B3954

■ 1B3F54

■ 023654

■ 244254

■ 003554

■ 2C4554

■ 354854

■ 3D4C54

■ 454F54

■ 4E5254

■ 565554

■ 5F5854

Harmonies

Analogous

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



003F4C



133C54



2F3754

Triad

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



133C54



542D32



2A3D23

Complementary

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



133C54



542B13

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.



3B3A1C



133C54



513025

Square

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



133C54



502E40



48351D



174030

Rectangle

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



133C54



3D3450



48351D



303C20

Sweetspot

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



133C54



54646E



13542B



283238



B8B8B8



383838

Same Dimension

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



133C54



08486E



131C54



252729



004269



0092E8

Inverse Universe

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



54133C



6E0848



544B13



292527



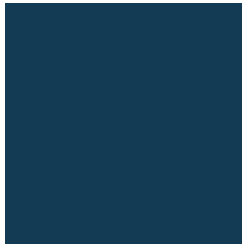
690042



E80092

Previews

White Background



This preview shows how the Hex color 133C54 looks on a white background.

Color Contrast Check

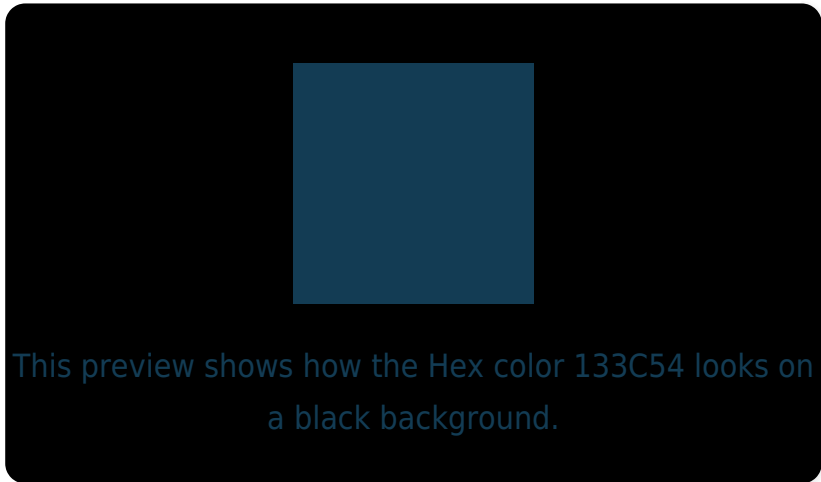
Large Text (above 18pt) WCAG AA ✓ Pass

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

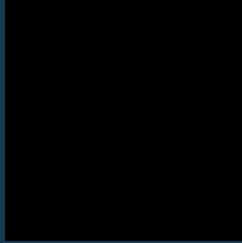
Any Text WCAG AA × Fail

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 133C54 Background



This preview shows how black text looks on a background with the Hex color 133C54.



This preview shows how white text looks on a background with the Hex color 133C54.

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
133C54

Protanopia
313850

Deuteranopia
2B3855



Tritanopia
003F44

Trichromacy



Original Color
133C54

Protanomaly
263951

Deuteranomaly
223955

Tritanomaly
073E4A

Monochromacy



Original Color
133C54

Achromatopsia
323232

Achromatomaly
27363E

CSS Examples

Text

The CSS property to change the color of the text to Hex 133C54 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 #133C54 looks like.

```
.text, #text, p{  
    color:#133C54  
}
```

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 #133C54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133C54
}
```

Border

The CSS property to change the border of an element to Hex 133C54 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
#133C54 }
```

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

```
.border{ border-color:#133C54 }
```

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

Here you see how a box with a 4 pixel #133C54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133C54; -webkit-box-shadow:4px 4px  
4px 4px #133C54; box-shadow:4px 4px 4px  
4px #133C54 }
```

Background

The CSS property to change the background color of an element to Hex 133C54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133C54 }
```

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

```
.background{ background-color:#133C54 }
```

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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