

Converting Colors

Hex(133744)

Have a look what the booklet for
Hex(133744) contains.

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Color

Hex(133744)

Conversions

Conversions Part 1

Format	Color
Hex	133744
RGB	19, 55, 68
RGB Percent	7%, 22%, 27%
CMY	0.9255, 0.7843, 0.7333
CMYK	0.72, 0.19, 0.00, 0.73
HSL	196°, 56%, 17%
HSV	196°, 72%, 27%
XYZ	2.6781, 3.2882, 5.9624
YIQ	45.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

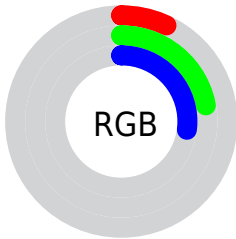
Format	Color
RYB	19, 40, 68
Decimal	1259332
CIELab	21.16, -8.04, -11.87
CIELCh	21, 14.338, 235.910
Yxy	3.2882, 0.2245, 0.2757
Android (android.graphics.Color)	4279449412 (0xFF133744)
YUV	45.7180, 10.9850, -23.4317
Hunter-Lab	18.1333, -5.3705, -6.8016

Details

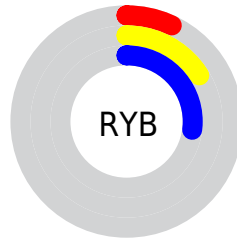
The Hex color **133744** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442013**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **446674**, and **000919** is the 20% darker color. If you saturate the color by 10%, you get **0C3544**, and if you desaturate by 10%, it is **1A3944**.

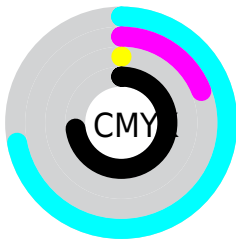
Distribution



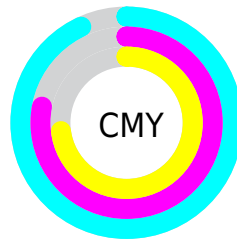
- Red (7%)
- Green (22%)
- Blue (27%)



- Red (7%)
- Yellow (16%)
- Blue (27%)



- Cyan (72%)
- Magenta (19%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133744 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 133744 by changing the saturation by 10% instead.

■ 133744

■ 133744

FFFFFF

■ 00222E

■ 446674

■ 000919

■ 5D7F8E

■ 000000

■ 7799A8

■ 91B4C3

■ ACCDFD

■ C8EBFC

■ E4FFFF

■ 133744

■ 133744

■ 0C3544

■ 1A3944

■ 053344

■ 213B44

■ 003244

■ 273C44

■ 2E3E44

■ 354044

■ 3C4244

■ 434444

■ 494544

■ 504744

Harmonies

Analogous

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



0E383C



133744



223448

Triad

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



133744



462B35



313520

Complementary

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



133744



442013

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.



3B321E



133744



482B2A

Square

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



133744



3F2D3F



442E22



243727

Rectangle

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



133744



2D3247



442E22



34341E

Sweetspot

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



133744



465459



13441F



222B2E



ADADAD



2E2E2E

Same Dimension

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



133744



0C4559



131F44



1E2021



004761



00A5E0

Inverse Universe

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



441337



590C45



443813



211E20



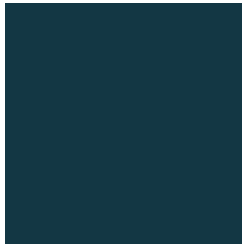
610047



E000A5

Previews

White Background



This preview shows how the Hex color 133744 looks on a white background.

Color Contrast Check

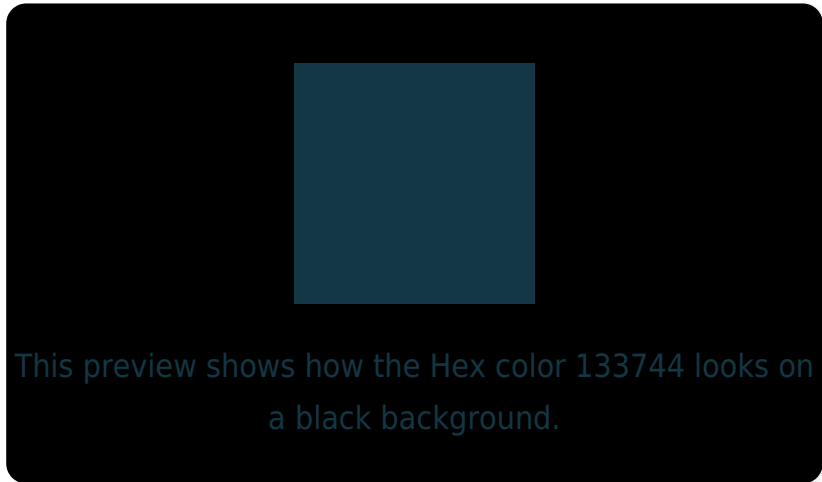
Large Text (above 18pt) WCAG AA ✓ Pass

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

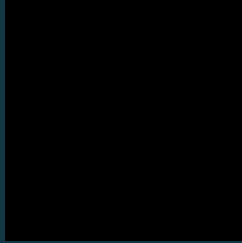
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

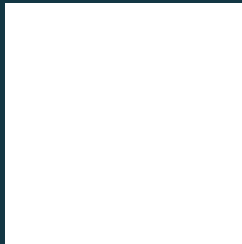
Any Text WCAG AAA × Fail

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

Hex 133744 Background



This preview shows how black text looks on a background with the Hex color 133744.



This preview shows how white text looks on a background with the Hex color 133744.

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](#).

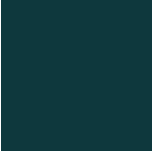
Dichromacy



Original Color
133744

Protanopia
2F3241

Deuteranopia
2E3245



Tritanopia
0E383D

Trichromacy



Original Color
133744

Protanomaly
253442

Deuteranomaly
243445

Tritanomaly
103840

Monochromacy



Original Color
133744

Achromatopsia
2E2E2E

Achromatomaly
243136

CSS Examples

Text

The CSS property to change the color of the text to Hex 133744 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 #133744 looks like.

```
.text, #text, p{  
    color:#133744  
}
```

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 #133744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133744  
}
```

Border

The CSS property to change the border of an element to Hex 133744 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  
#133744 }
```

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

```
.border{ border-color:#133744 }
```

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

Here you see how a box with a 4 pixel #133744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133744; -webkit-box-shadow:4px 4px  
4px 4px #133744; box-shadow:4px 4px 4px  
4px #133744 }
```

Background

The CSS property to change the background color of an element to Hex 133744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133744 }
```

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

```
.background{ background-color:#133744 }
```

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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