

Converting Colors

Hex(133576)

Have a look what the booklet for
Hex(133576) contains.

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Color

Hex(133576)

Conversions

Conversions Part 1

Format	Color
Hex	133576
RGB	19, 53, 118
RGB Percent	7%, 21%, 46%
CMY	0.9255, 0.7922, 0.5373
CMYK	0.84, 0.55, 0.00, 0.54
HSL	219°, 72%, 27%
HSV	219°, 84%, 46%
XYZ	4.8117, 3.9927, 17.6566
YIQ	50.2440, -41.1290, 13.0070

Conversions

Conversions Part 2

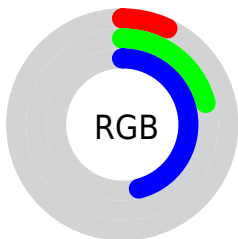
Format	Color
R_{YB}	19, 44, 118
Decimal	1258870
CIE _{Lab}	23.65, 14.07, -40.71
CIE _{LCh}	24, 43.070, 289.070
Yxy	3.9927, 0.1818, 0.1509
Android (android.graphics.Color)	4279448950 (0xFF133576)
YUV	50.2440, 33.4037, -27.4010
Hunter-Lab	19.9816, 8.0158, -38.4039

Details

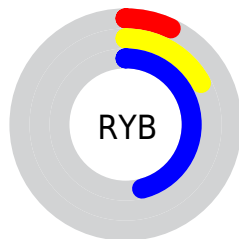
The Hex color **133576** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **765413**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5163AB**, and **000945** is the 20% darker color. If you saturate the color by 10%, you get **072D76**, and if you desaturate by 10%, it is **1F3D76**.

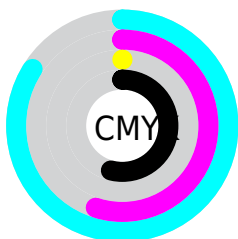
Distribution



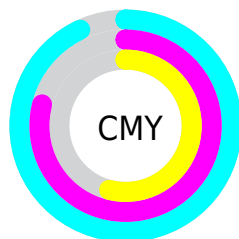
- Red (7%)
- Green (21%)
- Blue (46%)



- Red (7%)
- Yellow (17%)
- Blue (46%)



- Cyan (84%)
- Magenta (55%)
- Yellow (0%)
- Black (54%)



- Cyan (93%)
- Magenta (79%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133576 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 133576 by changing the saturation by 10% instead.

■ 133576

■ 133576

FFFFFF

■ 00205D

■ 5163AB

■ 000945

■ 6C7CC6

■ 00042E

■ 8796E3

■ 000118

■ A3B0FF

■ 000000

■ C0CBFF

■ DCE8FF

■ FAFFFF

■ 133576

■ 133576

■ 072D76

■ 1F3D76

■ 002976

■ 2B4476

■ 364C76

■ 425476

■ 4E5C76

■ 5A6376

■ 666B76

■ 717376

■ 7D7B76

Harmonies

Analogous

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



004078



133576



522463

Triad

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



133576



652304



00462B

Complementary

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



133576



765413

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.



004307



133576



503300

Square

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



133576



701225



333D00



00464D

Rectangle

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



133576



651850



333D00



004520

Sweetspot

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



133576



738099



137653



363D4D



CCCCCC



4D4D4D

Same Dimension

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



133576



003599



221376



35373B



002A7A



0056FA

Inverse Universe

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



761335



990035



677613



3B3537



7A002A



FA0056

Previews

White Background



This preview shows how the Hex color 133576 looks on a white background.

Color Contrast Check

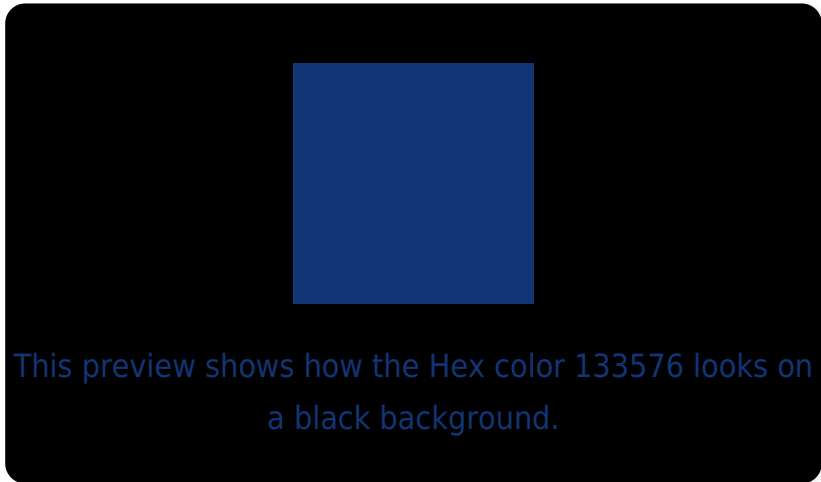
Large Text (above 18pt) WCAG AA ✓ Pass

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

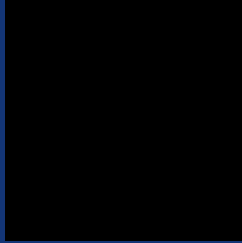
Any Text WCAG AA × Fail

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 133576 Background



This preview shows how black text looks on a background with the Hex color 133576.



This preview shows how white text looks on a background with the Hex color 133576.

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

133576

Protanopia

003674

Deuteranopia

003A64



Tritanopia
003F43

Trichromacy



Original Color
133576

Protanomaly
073675

Deuteranomaly
07386B

Tritanomaly
073B56

Monochromacy



Original Color
133576

Achromatopsia
323232

Achromatomaly
27334B

CSS Examples

Text

The CSS property to change the color of the text to Hex 133576 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 #133576 looks like.

```
.text, #text, p{  
    color:#133576  
}
```

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 #133576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133576
}
```

Border

The CSS property to change the border of an element to Hex 133576 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
#133576 }
```

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

```
.border{ border-color:#133576 }
```

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

Here you see how a box with a 4 pixel #133576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133576; -webkit-box-shadow:4px 4px  
4px 4px #133576; box-shadow:4px 4px 4px  
4px #133576 }
```

Background

The CSS property to change the background color of an element to Hex 133576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133576 }
```

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

```
.background{ background-color:#133576 }
```

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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