

Converting Colors

Hex(133F75)

Have a look what the booklet for
Hex(133F75) contains.

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Color

Hex(133F75)

Conversions

Conversions Part 1

Format	Color
Hex	133F75
RGB	19, 63, 117
RGB Percent	7%, 25%, 46%
CMY	0.9255, 0.7529, 0.5412
CMYK	0.84, 0.46, 0.00, 0.54
HSL	213°, 72%, 27%
HSV	213°, 84%, 46%
XYZ	5.2570, 4.9778, 17.5134
YIQ	56.0000, -43.5580, 7.4660

Conversions

Conversions Part 2

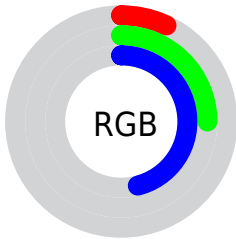
Format	Color
R_{YB}	19, 49, 117
Decimal	1261429
CIE _{Lab}	26.67, 6.57, -35.20
CIE _{LCh}	27, 35.805, 280.580
Yxy	4.9778, 0.1895, 0.1794
Android (android.graphics.Color)	4279451509 (0xFF133F75)
YUV	56.0000, 30.0730, -32.4490
Hunter-Lab	22.3110, 3.0141, -30.9229

Details

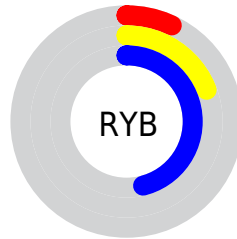
The Hex color **133F75** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **754913**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **506EAA**, and **001644** is the 20% darker color. If you saturate the color by 10%, you get **073975**, and if you desaturate by 10%, it is **1F4575**.

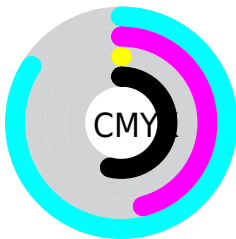
Distribution



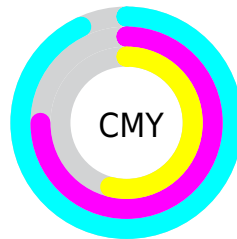
- Red (7%)
- Green (25%)
- Blue (46%)



- Red (7%)
- Yellow (19%)
- Blue (46%)



- Cyan (84%)
- Magenta (46%)
- Yellow (0%)
- Black (54%)



- Cyan (93%)
- Magenta (75%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133F75 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 133F75 by changing the saturation by 10% instead.

■ 133F75

■ 133F75

FFFFFF

■ 00295C

■ 506EAA

■ 001644

■ 6B87C5

■ 00032D

■ 87A1E1

■ 000118

■ A2BCFE

■ 000000

■ BED8FF

■ DBF4FF

■ F9FFFF

■ 133F75

■ 133F75

■ 073975

■ 1F4575

■ 003575

■ 2A4C75

■ 365275

■ 425975

■ 4E5F75

■ 596675

■ 656C75

■ 717375

■ 7C7975

Harmonies

Analogous

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



004773



133F75



4D3369

Triad

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



133F75



6B2C1D



004B2C

Complementary

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



133F75



754913

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.



254712



133F75



5B3707

Square

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



133F75



702437



444101



004C48

Rectangle

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



133F75



602B5A



444101



004A23

Sweetspot

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



133F75



738499



137549



36404D



CCCCCC



4D4D4D

Same Dimension

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



133F75



004599



181375



35373B



00377A



0070FA

Inverse Universe

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



75133F



990045



707513



3B3537



7A0037



FA0070

Previews

White Background



This preview shows how the Hex color 133F75 looks on a white background.

Color Contrast Check

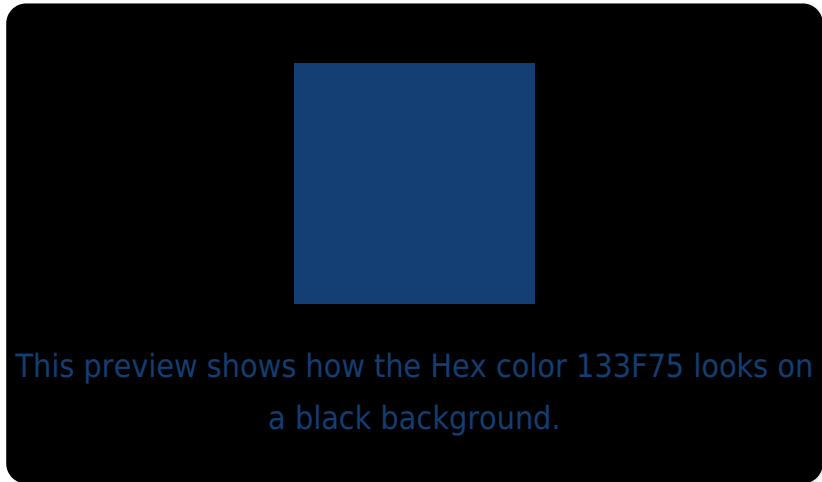
Large Text (above 18pt) WCAG AA ✓ Pass

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 133F75 Background



This preview shows how black text looks on a background with the Hex color 133F75.



This preview shows how white text looks on a background with the Hex color 133F75.

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





Tritanopia
00464B

Trichromacy



Original Color
133F75

Protanomaly
1E3E74

Deuteranomaly
074072

Tritanomaly
07435A

Monochromacy



Original Color
133F75

Achromatopsia
383838

Achromatomaly
2B3B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 133F75 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 #133F75 looks like.

```
.text, #text, p{  
    color:#133F75  
}
```

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 #133F75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133F75
}
```

Border

The CSS property to change the border of an element to Hex 133F75 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
#133F75 }
```

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

```
.border{ border-color:#133F75 }
```

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

Here you see how a box with a 4 pixel #133F75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133F75; -webkit-box-shadow:4px 4px  
4px 4px #133F75; box-shadow:4px 4px 4px  
4px #133F75 }
```

Background

The CSS property to change the background color of an element to Hex 133F75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133F75 }
```

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

```
.background{ background-color:#133F75 }
```

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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