

Converting Colors

Hex(171F53)

Have a look what the booklet for
Hex(171F53) contains.

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Color

Hex(171F53)

Conversions

Conversions Part 1

Format	Color
Hex	171F53
RGB	23, 31, 83
RGB Percent	9%, 12%, 33%
CMY	0.9098, 0.8784, 0.6745
CMYK	0.72, 0.63, 0.00, 0.67
HSL	232°, 57%, 21%
HSV	232°, 72%, 33%
XYZ	2.4047, 1.7867, 8.4017
YIQ	34.5360, -21.4600, 14.4760

Conversions

Conversions Part 2

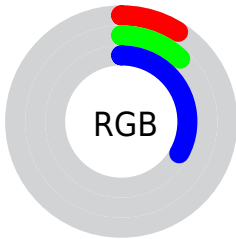
Format	Color
R_{YB}	23, 30, 83
Decimal	1515347
CIE _{Lab}	14.33, 16.07, -32.86
CIE _{LCh}	14, 36.580, 296.060
Yxy	1.7867, 0.1910, 0.1419
Android (android.graphics.Color)	4279705427 (0xFF171F53)
YUV	34.5360, 23.8928, -10.1171
Hunter-Lab	13.3666, 8.7208, -27.9107




Details

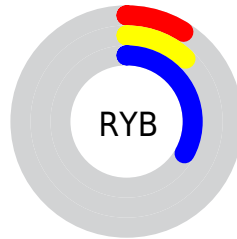
The Hex color **171F53** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **534B17**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **4B4B85**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **0F1853**, and if you desaturate by 10%, it is **1F2653**.

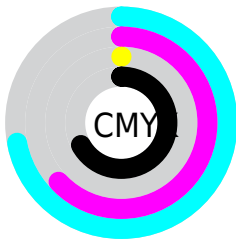
Distribution







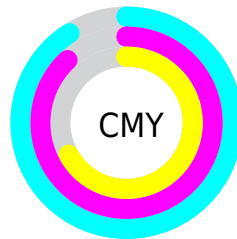
-  Red (9%)
-  Green (12%)
-  Blue (33%)






-  Red (9%)
-  Yellow (12%)
-  Blue (33%)



-  Cyan (72%)
-  Magenta (63%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (91%)
-  Magenta (88%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171F53 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 171F53 by changing the saturation by 10% instead.

■ 171F53

■ 171F53

FFFFFF

■ 00083C

■ 4B4B85

■ 000225

■ 64629F

■ 00010E

■ 7F7BBB

■ 000000

■ 9995D7

■ B5B0F3

■ D1CBFF

■ EEE7FF

■ 171F53

■ 171F53

■ 0F1853

■ 1F2653

■ 061153

■ 282D53

■ 000B53

■ 303553

■ 383C53

■ 414353

■ 494A53

■ 515153

■ 595953

■ 626053

Harmonies

Analogous

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



002958



171F53



3F0F41

Triad

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



171F53



441600



002F20

Complementary

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



171F53



534B17

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.



002D00



171F53



312200

Square

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



171F53



4F050F



192900



002F3A

Rectangle

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



171F53



4B0331



192900



002E17

Sweetspot

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



171F53



54576B



17534B



282936



B5B5B5



363636

Same Dimension

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



171F53



0E1A6B



2D1753



252529



000E69



001FE8

Inverse Universe

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



53171F



6B0E1A



3D5317



292525



69000E



E8001F

Previews

White Background



This preview shows how the Hex color 171F53 looks on a white background.

Color Contrast Check

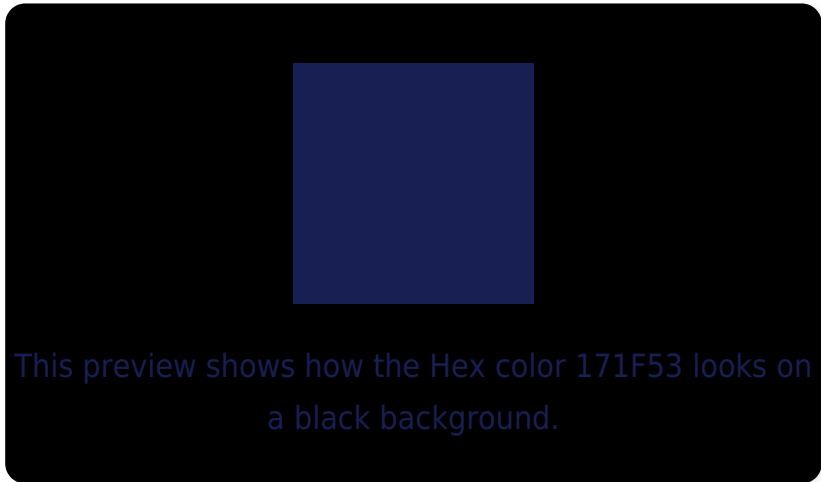
Large Text (above 18pt) WCAG AA ✓ Pass

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

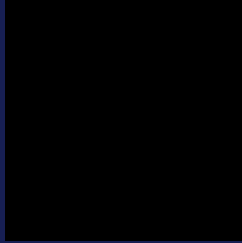
Any Text WCAG AA × Fail

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 171F53 Background



This preview shows how black text looks on a background with the Hex color 171F53.



This preview shows how white text looks on a background with the Hex color 171F53.

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
171F53

Protanopia
00234B

Deuteranopia
002640

Trichromacy



Original Color
171F53

Protanomaly
08224E

Deuteranomaly
082347

Tritanomaly
08253A

Monochromacy



Original Color
171F53

Achromatopsia
232323

Achromatomaly
1F2234

CSS Examples

Text

The CSS property to change the color of the text to Hex 171F53 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 #171F53 looks like.

```
.text, #text, p{  
    color:#171F53  
}
```

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 #171F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171F53
}
```

Border

The CSS property to change the border of an element to Hex 171F53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

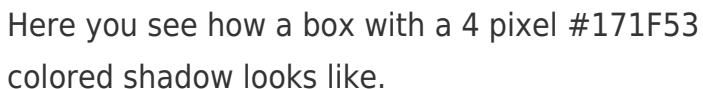
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#171F53 }
```

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

```
.border{ border-color:#171F53 }
```

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



Here you see how a box with a 4 pixel #171F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171F53; -webkit-box-shadow:4px 4px  
4px 4px #171F53; box-shadow:4px 4px 4px  
4px #171F53 }
```

Background

The CSS property to change the background color of an element to Hex 171F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171F53 }
```

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

```
.background{ background-color:#171F53 }
```

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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