

Converting Colors

Hex(173A53)

Have a look what the booklet for
Hex(173A53) contains.

Hex(173A53)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(173A53)

Conversions

Conversions Part 1

Format	Color
Hex	173A53
RGB	23, 58, 83
RGB Percent	9%, 23%, 33%
CMY	0.9098, 0.7725, 0.6745
CMYK	0.72, 0.30, 0.00, 0.67
HSL	205°, 57%, 21%
HSV	205°, 72%, 33%
XYZ	3.4277, 3.8328, 8.7428
YIQ	50.3850, -28.8850, 0.3550

Conversions

Conversions Part 2

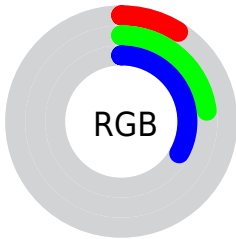
Format	Color
R_{YB}	23, 45, 83
Decimal	1522259
CIE _{Lab}	23.11, -3.39, -18.85
CIE _{LCh}	23, 19.153, 259.813
Yxy	3.8328, 0.2142, 0.2395
Android (android.graphics.Color)	4279712339 (0xFF173A53)
YUV	50.3850, 16.0792, -24.0166
Hunter-Lab	19.5775, -3.0080, -12.7729

Details

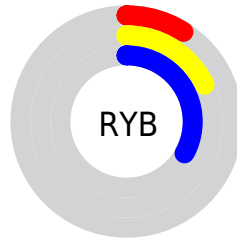
The Hex color **173A53** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **533017**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4A6985**, and **000F26** is the 20% darker color. If you saturate the color by 10%, you get **0F3753**, and if you desaturate by 10%, it is **1F3D53**.

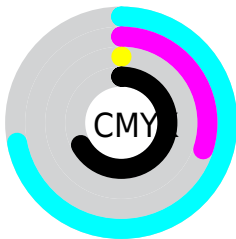
Distribution



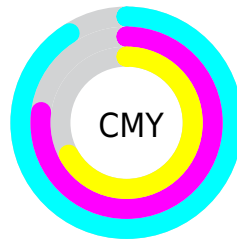
- Red (9%)
- Green (23%)
- Blue (33%)



- Red (9%)
- Yellow (18%)
- Blue (33%)



- Cyan (72%)
- Magenta (30%)
- Yellow (0%)
- Black (67%)



- Cyan (91%)
- Magenta (77%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173A53 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 173A53 by changing the saturation by 10% instead.

■ 173A53

■ 173A53

FFFFFF

■ 00253C

■ 4A6985

■ 000F26

■ 63829F

■ 000110

■ 7D9CBA

■ 000000

■ 98B7D6

■ B3D2F2

■ CFEFFF

■ ECFFFF

■ 173A53

■ 173A53

■ 0F3753

■ 1F3D53

■ 063353

■ 284153

■ 003053

■ 304453

■ 384853

■ 414B53

■ 494F53

■ 515253

■ 595653

■ 625953

Harmonies

Analogous

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



003D4D



173A53



313552

Triad

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



173A53



532C2E



263D24

Complementary

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



173A53



533017

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.



37391C



173A53



4E3022

Square

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



173A53



502C3D



44351B



123E32

Rectangle

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



173A53



3F324D



44351B



2C3C21

Sweetspot

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



173A53



54616B



175330



283036



B5B5B5



363636

Same Dimension

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



173A53



0E446B



171C53



252729



003D69



0087E8

Inverse Universe

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



53173A



6B0E44



534E17



292527



69003D



E80087

Previews

White Background



This preview shows how the Hex color 173A53 looks on a white background.

Color Contrast Check

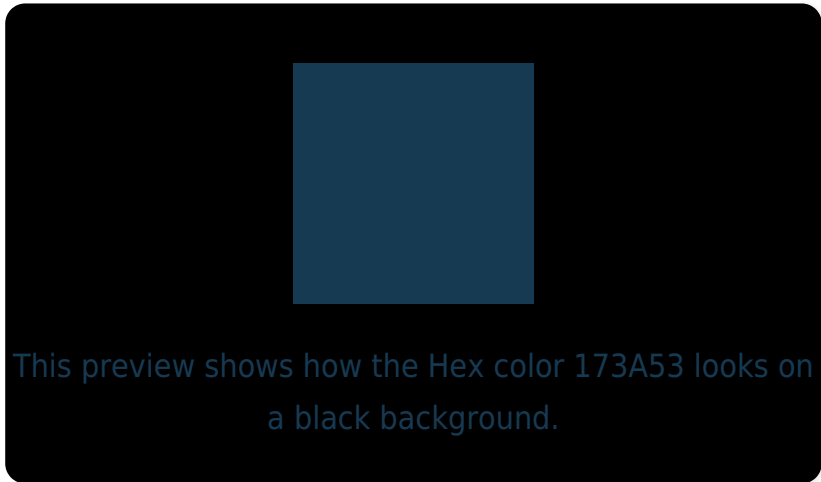
Large Text (above 18pt) WCAG AA ✓ Pass

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

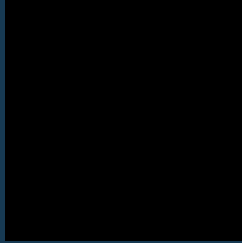
Any Text WCAG AA × Fail

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 173A53 Background



This preview shows how black text looks on a background with the Hex color 173A53.



This preview shows how white text looks on a background with the Hex color 173A53.

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
173A53

Protanopia
2F3650

Deuteranopia
293754



Tritanopia
053D42

Trichromacy



Original Color
173A53

Protanomaly
263751

Deuteranomaly
223854

Tritanomaly
0C3C48

Monochromacy



Original Color
173A53

Achromatopsia
323232

Achromatomaly
28353E

CSS Examples

Text

The CSS property to change the color of the text to Hex 173A53 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 #173A53 looks like.

```
.text, #text, p{  
    color:#173A53  
}
```

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 #173A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173A53
}
```

Border

The CSS property to change the border of an element to Hex 173A53 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
#173A53 }
```

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

```
.border{ border-color:#173A53 }
```

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

Here you see how a box with a 4 pixel #173A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173A53; -webkit-box-shadow:4px 4px  
4px 4px #173A53; box-shadow:4px 4px 4px  
4px #173A53 }
```

Background

The CSS property to change the background color of an element to Hex 173A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173A53 }
```

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

```
.background{ background-color:#173A53 }
```

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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