

Converting Colors

Hex(175053)

Have a look what the booklet for
Hex(175053) contains.

Hex(175053)	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(175053)

Conversions

Conversions Part 1

Format	Color
Hex	175053
RGB	23, 80, 83
RGB Percent	9%, 31%, 33%
CMY	0.9098, 0.6863, 0.6745
CMYK	0.72, 0.04, 0.00, 0.67
HSL	183°, 57%, 21%
HSV	183°, 72%, 33%
XYZ	4.7833, 6.5440, 9.1946
YIQ	63.2990, -34.9350, -11.1510

Conversions

Conversions Part 2

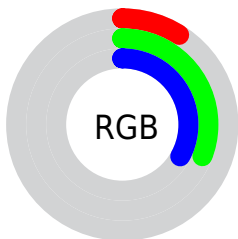
Format	Color
R_{YB}	23, 52, 83
Decimal	1527891
CIE _{Lab}	30.75, -16.89, -7.15
CIE _{LCh}	31, 18.339, 202.944
Yxy	6.5440, 0.2331, 0.3189
Android (android.graphics.Color)	4279717971 (0xFF175053)
YUV	63.2990, 9.7126, -35.3422
Hunter-Lab	25.5813, -11.3902, -3.4036

Details

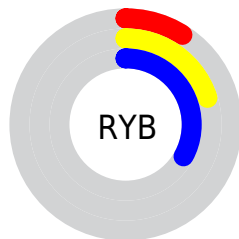
The Hex color **175053** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **531A17**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4C8184**, and **002326** is the 20% darker color. If you saturate the color by 10%, you get **0F5053**, and if you desaturate by 10%, it is **1F5053**.

Distribution



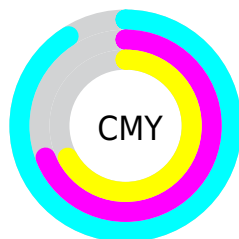
- Red (9%)
- Green (31%)
- Blue (33%)



- Red (9%)
- Yellow (20%)
- Blue (33%)



- Cyan (72%)
- Magenta (4%)
- Yellow (0%)
- Black (67%)



- Cyan (91%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175053 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 175053 by changing the saturation by 10% instead.

■ 175053

■ 175053

FFFFFF

■ 00393C

■ 4C8184

■ 002326

■ 669C9F

■ 000612

■ 80B7B9

■ 000000

■ 9BD2D5

■ B7EFF1

■ D3FFFF

■ F0FFFF

■ 175053

■ 175053

■ 0F5053

■ 1F5053

■ 064F53

■ 285153

■ 004F53

■ 305153

■ 385253

■ 415253

■ 495253

■ 515353

■ 595353

■ 625453

Harmonies

Analogous

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



255044



175053



1B4E5F

Triad

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



175053



57415A



55462C

Complementary

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



175053



531A17

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.



604132



175053



623E4C

Square

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



175053



454663



653E3E



474B2E

Rectangle

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



175053



284C63



653E3E



59452D

Sweetspot

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



175053



546A6B



17531A



283536



B5B5B5



363636

Same Dimension

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



175053



0E666B



173253



252929



006369



00DCE8

Inverse Universe

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



531750



6B0E66



533817



292529



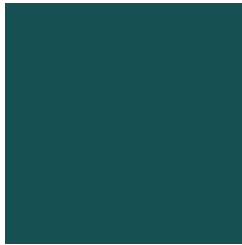
690063



E800DC

Previews

White Background



This preview shows how the Hex color 175053 looks on a white background.

Color Contrast Check

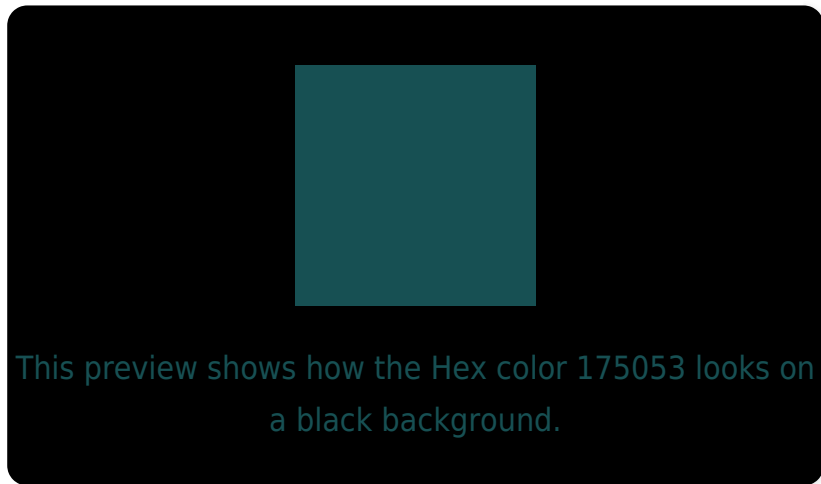
Large Text (above 18pt) WCAG AA ✓ Pass

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

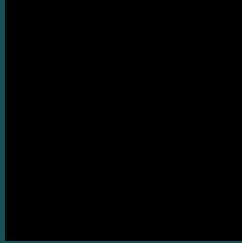
Any Text WCAG AA × Fail

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 175053 Background



This preview shows how black text looks on a background with the Hex color 175053.

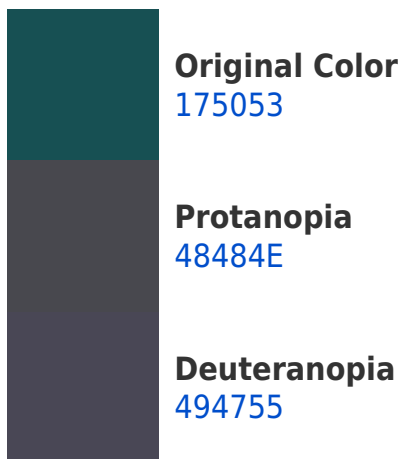


This preview shows how white text looks on a background with the Hex color 175053.

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](#).

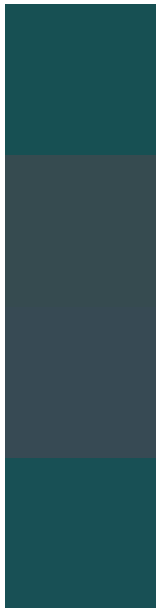
Dichromacy





Tritanopia
195056

Trichromacy



Original Color
175053

Protanomaly
364B50

Deuteranomaly
374A54

Tritanomaly
185055

Monochromacy



Original Color
175053

Achromatopsia
3F3F3F

Achromatomaly
304546

CSS Examples

Text

The CSS property to change the color of the text to Hex 175053 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 #175053 looks like.

```
.text, #text, p{  
    color:#175053  
}
```

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 #175053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175053
}
```

Border

The CSS property to change the border of an element to Hex 175053 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
#175053 }
```

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

```
.border{ border-color:#175053 }
```

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

Here you see how a box with a 4 pixel #175053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175053; -webkit-box-shadow:4px 4px  
4px 4px #175053; box-shadow:4px 4px 4px  
4px #175053 }
```

Background

The CSS property to change the background color of an element to Hex 175053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175053 }
```

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

```
.background{ background-color:#175053 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor