

Converting Colors

Hex(165055)

Have a look what the booklet for
Hex(165055) contains.

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Color

Hex(165055)

Conversions

Conversions Part 1

Format	Color
Hex	165055
RGB	22, 80, 85
RGB Percent	9%, 31%, 33%
CMY	0.9137, 0.6863, 0.6667
CMYK	0.74, 0.06, 0.00, 0.67
HSL	185°, 59%, 21%
HSV	185°, 74%, 33%
XYZ	4.8392, 6.5638, 9.6062
YIQ	63.2280, -36.1730, -10.7410

Conversions

Conversions Part 2

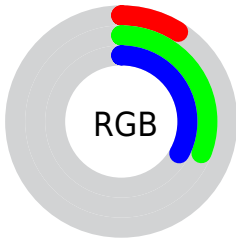
Format	Color
R_{YB}	22, 52, 85
Decimal	1462357
CIE _{Lab}	30.79, -16.37, -8.36
CIE _{LCh}	31, 18.384, 207.042
Yxy	6.5638, 0.2303, 0.3124
Android (android.graphics.Color)	4279652437 (0xFF165055)
YUV	63.2280, 10.7336, -36.1570
Hunter-Lab	25.6199, -11.1186, -4.2970

Details

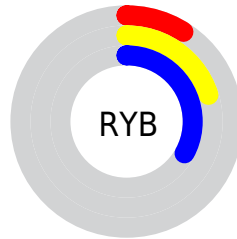
The Hex color **165055** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **551B16**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4C8187**, and **002328** is the 20% darker color. If you saturate the color by 10%, you get **0D4F55**, and if you desaturate by 10%, it is **1E5155**.

Distribution



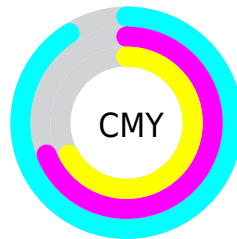
- Red (9%)
- Green (31%)
- Blue (33%)



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



- Cyan (74%)
- Magenta (6%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 165055 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 165055 by changing the saturation by 10% instead.

 165055

 165055

FFFFFF

 00393E

 4C8187

 002328

 669CA1

 000614

 80B7BC

 000000

 9BD2D7

 B7EFF4

 D3FFFF

 F0FFFF

 165055

 165055

■ 0D4F55

■ 1E5155

■ 054F55

■ 275155

■ 004E55

■ 2F5255

■ 385355

■ 405355

■ 495455

■ 515555

■ 5A5555

■ 625655

Harmonies

Analogous

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



235047



165055



1D4E60

Triad

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



165055



594058



54472C

Complementary

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



165055



551B16

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.



5F4231



165055



633E4A

Square

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



165055



484562



653E3C



454C2F

Rectangle

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



165055



2B4C64



653E3C



58452D

Sweetspot

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



165055



566C6E



16551A



2A3738



B8B8B8



383838

Same Dimension

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



165055



0C666E



163155



272B2B



00636B



00D8EB

Inverse Universe

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



551650



6E0C66



553A16



2B272B



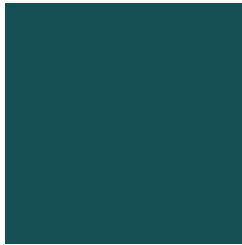
6B0063



EB00D8

Previews

White Background



This preview shows how the Hex color 165055 looks on a white background.

Color Contrast Check

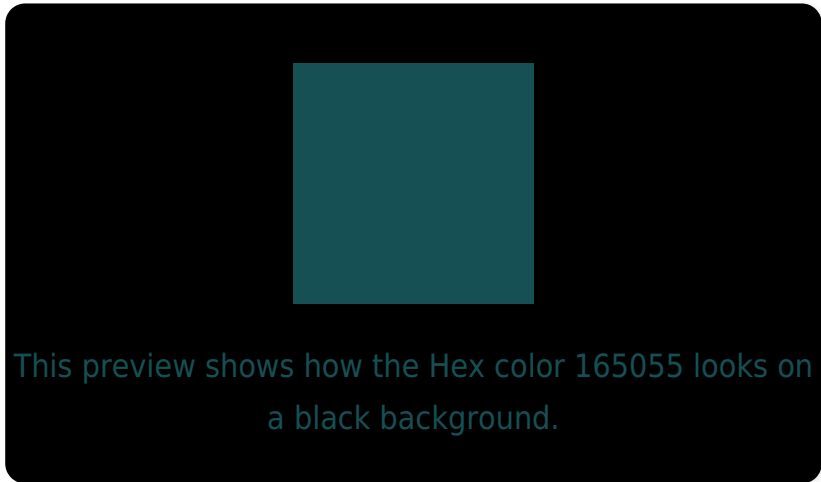
Large Text (above 18pt) WCAG AA ✓ Pass

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

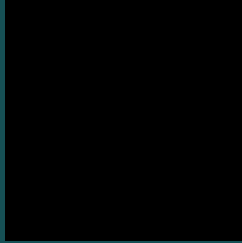
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

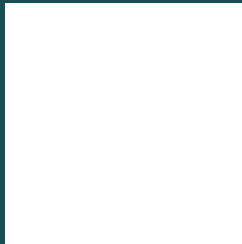
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 165055 Background



This preview shows how black text looks on a background with the Hex color 165055.

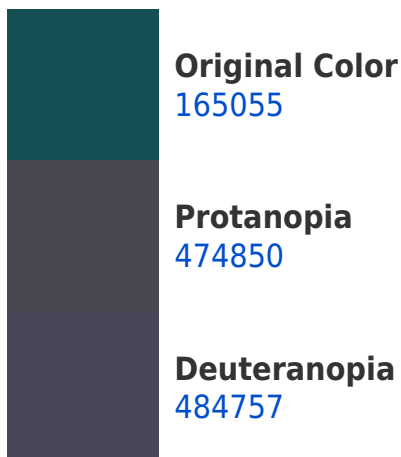


This preview shows how white text looks on a background with the Hex color 165055.

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](#).

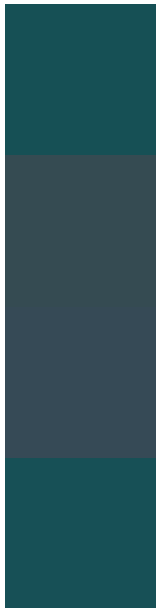
Dichromacy





Tritanopia
175056

Trichromacy



Original Color
165055

Protanomaly
354B52

Deuteranomaly
364A56

Tritanomaly
175056

Monochromacy



Original Color
165055

Achromatopsia
3F3F3F

Achromatomaly
304547

CSS Examples

Text

The CSS property to change the color of the text to Hex 165055 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 #165055 looks like.

```
.text, #text, p{  
    color:#165055  
}
```

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 #165055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #165055
}
```

Border

The CSS property to change the border of an element to Hex 165055 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
#165055 }
```

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

```
.border{ border-color:#165055 }
```

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

Here you see how a box with a 4 pixel #165055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #165055; -webkit-box-shadow:4px 4px  
4px 4px #165055; box-shadow:4px 4px 4px  
4px #165055 }
```

Background

The CSS property to change the background color of an element to Hex 165055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#165055 }
```

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

```
.background{ background-color:#165055 }
```

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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