

Converting Colors

Hex(165757)

Have a look what the booklet for
Hex(165757) contains.

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Color

Hex(165757)

Conversions

Conversions Part 1

Format	Color
Hex	165757
RGB	22, 87, 87
RGB Percent	9%, 34%, 34%
CMY	0.9137, 0.6588, 0.6588
CMYK	0.75, 0.00, 0.00, 0.66
HSL	180°, 60%, 21%
HSV	180°, 75%, 34%
XYZ	5.4594, 7.6751, 10.2105
YIQ	67.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

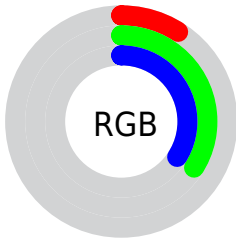
Format	Color
RYB	22, 55, 87
Decimal	1464151
CIELab	33.30, -19.57, -5.87
CIELCh	33, 20.430, 196.696
Yxy	7.6751, 0.2339, 0.3288
Android (android.graphics.Color)	4279654231 (0xFF165757)
YUV	67.5650, 9.5815, -39.9605
Hunter-Lab	27.7039, -13.3065, -2.4591

Details

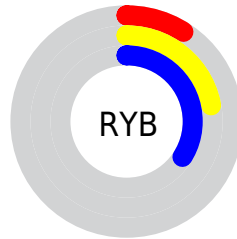
The Hex color **165757** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **571616**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4D8989**, and **00292A** is the 20% darker color. If you saturate the color by 10%, you get **0D5757**, and if you desaturate by 10%, it is **1F5757**.

Distribution



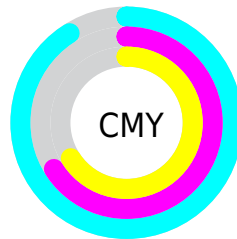
- Red (9%)
- Green (34%)
- Blue (34%)



- Red (9%)
- Yellow (22%)
- Blue (34%)



- Cyan (75%)
- Magenta (0%)
- Yellow (0%)
- Black (66%)



- Cyan (91%)
- Magenta (66%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 165757 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 165757 by changing the saturation by 10% instead.

■ 165757

■ 165757

FFFFFF

■ 003F40

■ 4D8989

■ 00292A

■ 67A4A3

■ 001416

■ 82BFBE

■ 000000

■ 9DDBDA

■ B9F7F6

■ D5FFFF

■ F2FFFF

■ 165757

■ 165757

■ 0D5757

■ 1F5757

■ 055757

■ 275757

■ 005757

■ 305757

■ 395757

■ 425757

■ 4A5757

■ 535757

■ 5C5757

■ 645757

Harmonies

Analogous

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



2A5746



165757



145665

Triad

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



165757



5B4765



604B2F

Complementary

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



165757



571616

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.



6A4538



165757



694356

Square

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



165757



464D6D



6E4246



50502F

Rectangle

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



165757



23536C



6E4246



644931

Sweetspot

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



165757



587070



165716



2A3838



B8B8B8



383838

Same Dimension

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



165757



0B7070



163757



272B2B



006B6B



00EBEB

Inverse Universe

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



571657



700B70



573716



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 165757 looks on a white background.

Color Contrast Check

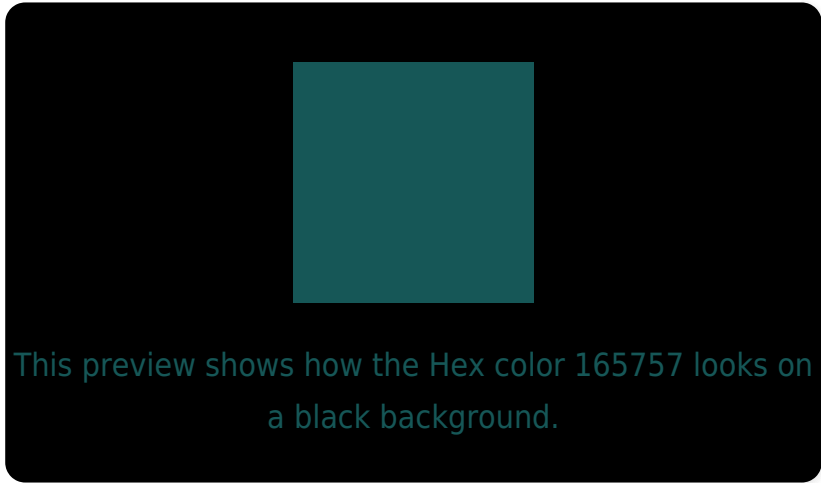
Large Text (above 18pt) WCAG AA ✓ Pass

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

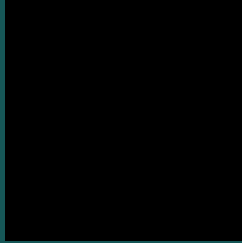
Any Text WCAG AA × Fail

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 165757 Background



This preview shows how black text looks on a background with the Hex color 165757.



This preview shows how white text looks on a background with the Hex color 165757.

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
165757

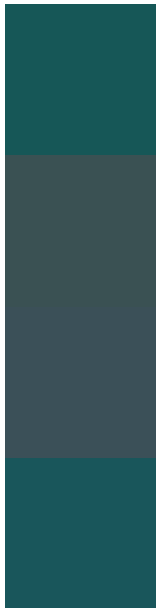
Protanopia
4F4E51

Deuteranopia
504C59



Tritanopia
1A565D

Trichromacy



Original Color
165757

Protanomaly
3A5153

Deuteranomaly
3B5058

Tritanomaly
19565B

Monochromacy



Original Color
165757

Achromatopsia
444444

Achromatomaly
334B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 165757 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 #165757 looks like.

```
.text, #text, p{  
    color:#165757  
}
```

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 #165757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #165757
}
```

Border

The CSS property to change the border of an element to Hex 165757 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
#165757 }
```

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

```
.border{ border-color:#165757 }
```

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

Here you see how a box with a 4 pixel #165757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #165757; -webkit-box-shadow:4px 4px  
4px 4px #165757; box-shadow:4px 4px 4px  
4px #165757 }
```

Background

The CSS property to change the background color of an element to Hex 165757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#165757 }
```

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

```
.background{ background-color:#165757 }
```

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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