

Converting Colors

Hex(156363)

Have a look what the booklet for
Hex(156363) contains.

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Color

Hex(156363)

Conversions

Conversions Part 1

Format	Color
Hex	156363
RGB	21, 99, 99
RGB Percent	8%, 39%, 39%
CMY	0.9176, 0.6118, 0.6118
CMYK	0.79, 0.00, 0.00, 0.61
HSL	180°, 65%, 24%
HSV	180°, 79%, 39%
XYZ	7.0232, 9.9840, 13.3613
YIQ	75.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

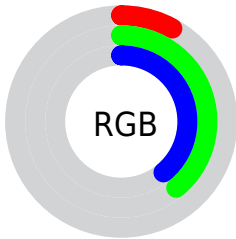
Format	Color
R_{YB}	21, 60, 99
Decimal	1401699
CIE _{Lab}	37.81, -22.14, -6.60
CIE _{LCh}	38, 23.104, 196.609
Yxy	9.9840, 0.2313, 0.3288
Android (android.graphics.Color)	4279591779 (0xFF156363)
YUV	75.6780, 11.4977, -47.9526
Hunter-Lab	31.5974, -15.6198, -2.9532

Details

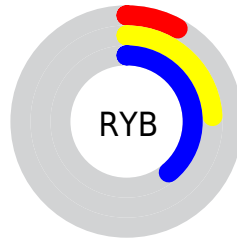
The Hex color **156363** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **631515**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **509696**, and **003435** is the 20% darker color. If you saturate the color by 10%, you get **0B6363**, and if you desaturate by 10%, it is **1F6363**.

Distribution



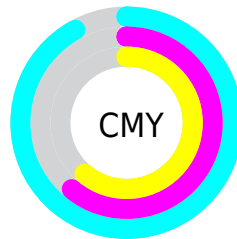
- Red (8%)
- Green (39%)
- Blue (39%)



- Red (8%)
- Yellow (24%)
- Blue (39%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (61%)




- Cyan (92%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 156363 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 156363 by changing the saturation by 10% instead.

 156363

 156363

FFFFFF

 004B4B

 509696

 003435

 6BB1B0

 00201F

 86CDCC

 000007

 A2E9E8

 000000

 BEFFFF

 DBFFFF

 F8FFFF

 156363

 156363

■ 0B6363

■ 1F6363

■ 016363

■ 296363

■ 006363

■ 336363

■ 3D6363

■ 476363

■ 506363

■ 5A6363

■ 646363

■ 6E6363

Harmonies

Analogous

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



2E6250



156363



126174

Triad

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



156363



685073



6D5535

Complementary

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



156363



631515

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.



794F3F



156363



784B62

Square

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



156363



4F577D



7E4B4F



5B5B35

Rectangle

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



156363



255F7B



7E4B4F



725337

Sweetspot

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



156363



618080



156315



2D4040



BFBFBF



404040

Same Dimension

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



156363



068080



153C63



2C3030



007070



00F0F0

Inverse Universe

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



631563



800680



633C15



302C30



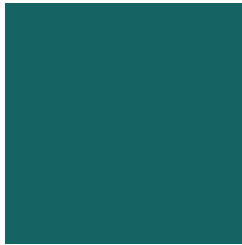
700070



F000F0

Previews

White Background



This preview shows how the Hex color 156363 looks on a white background.

Color Contrast Check

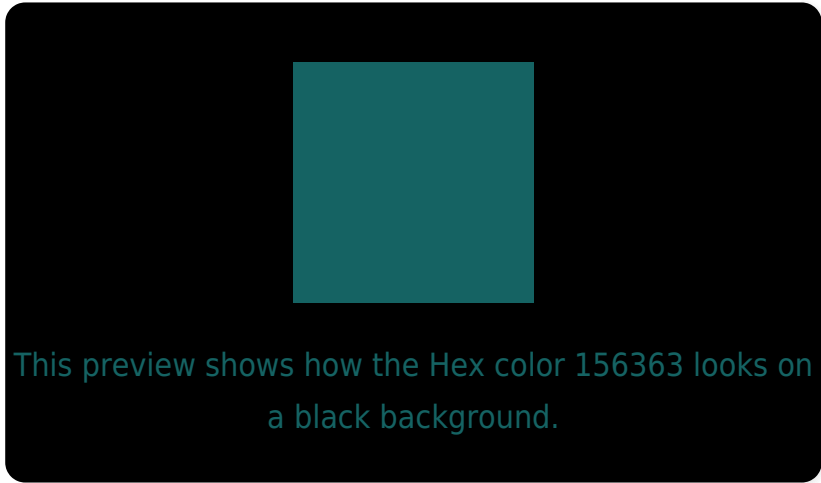
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

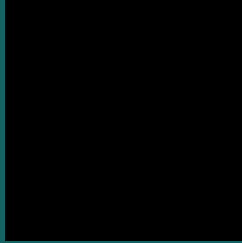
Any Text WCAG AA × Fail

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 156363 Background



This preview shows how black text looks on a background with the Hex color 156363.

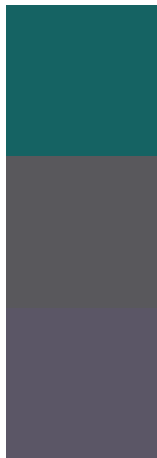


This preview shows how white text looks on a background with the Hex color 156363.

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
156363

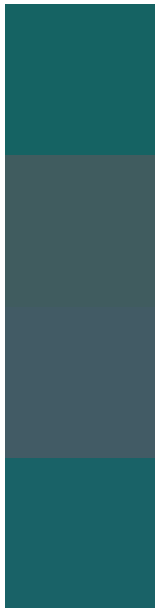
Protanopia
59585C

Deuteranopia
5B5666



Tritanopia
1B626A

Trichromacy



Original Color
156363

Protanomaly
405C5F

Deuteranomaly
425B65

Tritanomaly
196267

Monochromacy



Original Color
156363

Achromatopsia
4C4C4C

Achromatomaly
385454

CSS Examples

Text

The CSS property to change the color of the text to Hex 156363 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 #156363 looks like.

```
.text, #text, p{  
    color:#156363  
}
```

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 #156363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156363
}
```

Border

The CSS property to change the border of an element to Hex 156363 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
#156363 }
```

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

```
.border{ border-color:#156363 }
```

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

Here you see how a box with a 4 pixel #156363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156363; -webkit-box-shadow:4px 4px  
4px 4px #156363; box-shadow:4px 4px 4px  
4px #156363 }
```

Background

The CSS property to change the background color of an element to Hex 156363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156363 }
```

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

```
.background{ background-color:#156363 }
```

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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