

# Converting Colors

Hex(156462)

Have a look what the booklet for  
Hex(156462) contains.

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# Color

**Hex(156462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	156462
RGB	21, 100, 98
RGB Percent	8%, 39%, 38%
CMY	0.9176, 0.6078, 0.6157
CMYK	0.79, 0.00, 0.02, 0.61
HSL	178°, 65%, 24%
HSV	178°, 79%, 39%
XYZ	7.0710, 10.1556, 13.1428
YIQ	76.1510, -46.4420, -17.3700

# Conversions

## Conversions Part 2

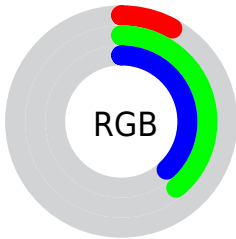
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 61, 100
Decimal	1401954
CIE Lab	38.12, -22.99, -5.53
CIE LCh	38, 23.643, 193.528
Yxy	10.1556, 0.2328, 0.3344
Android (android.graphics.Color)	4279592034 (0xFF156462)
YUV	76.1510, 10.7716, -48.3674
Hunter-Lab	31.8679, -16.1621, -2.1446

# Details

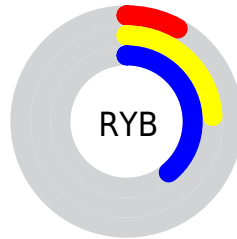
The Hex color **156462** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **641517**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **509795**, and **003534** is the 20% darker color. If you saturate the color by 10%, you get **0B6462**, and if you desaturate by 10%, it is **1F6462**.

# Distribution



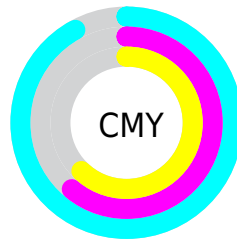
- Red (8%)
- Green (39%)
- Blue (38%)



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



- Cyan (79%)
- Magenta (0%)
- Yellow (2%)
- Black (61%)



- Cyan (92%)
- Magenta (61%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 156462 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 156462 by changing the saturation by 10% instead.



 156462

 156462

FFFFFF

 004C4A

 509795

 003534

 6BB2AF

 00201F

 86CECB

 000006

 A2EAE7

 000000

 BEFFFF

 DBFFFF

 F8FFFF

 156462

 156462

■ 0B6462

■ 1F6462

■ 016461

■ 296463

■ 006461

■ 336463

■ 3D6463

■ 476463

■ 516464

■ 5B6464

■ 656464

■ 6F6464

# Harmonies

## Analogous

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



30634E



156462



0B6373

# Triad

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



156462



675276



705535

# Complementary

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



156462



641517

# 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.



7C4F40



156462



784C65

# Square

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



156462



4C597F



7F4B52



5E5B34

# Rectangle

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



156462



20607B



7F4B52



745338



# Sweetspot

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



156462



638281



186415



2F4242



C2C2C2



424242



# Same Dimension

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



156462



07827F



153F64



2E3333



007370



00F2EC



# Inverse Universe

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



641517



82070A



643A15



332E2E



730003



F20006



# Previews

## White Background



This preview shows how the Hex color 156462 looks on a white background.

## Color Contrast Check

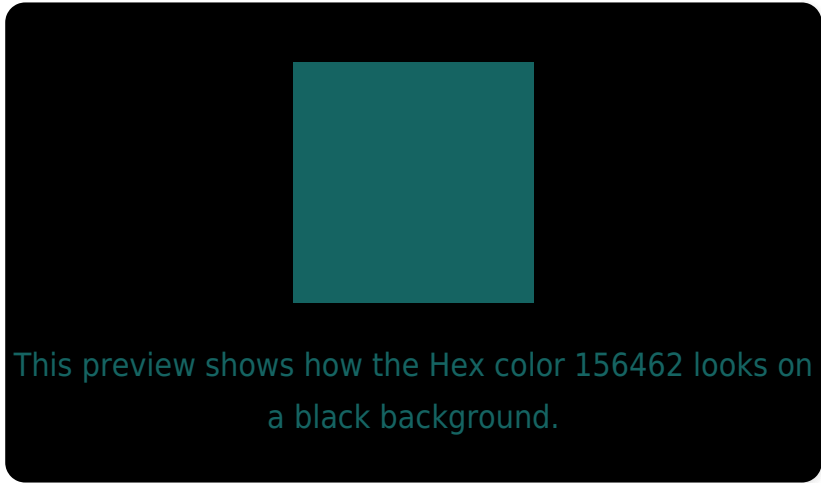
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

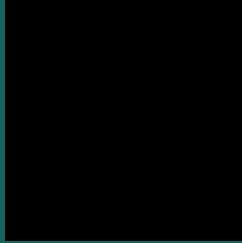
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 156462 Background



This preview shows how black text looks on a background with the Hex color 156462.

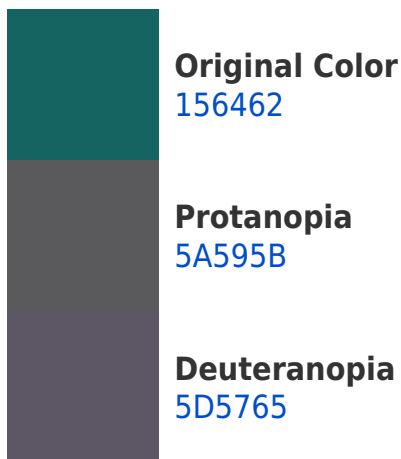


This preview shows how white text looks on a background with the Hex color 156462.

# 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](#).

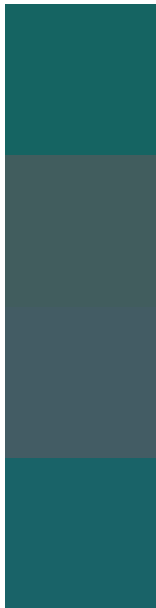
## Dichromacy





**Tritanopia**  
1C636B

# Trichromacy



**Original Color**  
156462

**Protanomaly**  
415D5E

**Deuteranomaly**  
435C64

**Tritanomaly**  
196368

# Monochromacy



**Original Color**  
156462

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
385554

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 156462 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 #156462 looks like.

```
.text, #text, p{  
    color:#156462  
}
```

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 #156462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156462
}
```

## Border

The CSS property to change the border of an element to Hex 156462 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
#156462 }
```

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

```
.border{ border-color:#156462 }
```

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

Here you see how a box with a 4 pixel #156462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156462; -webkit-box-shadow:4px 4px  
4px 4px #156462; box-shadow:4px 4px 4px  
4px #156462 }
```

# Background

The CSS property to change the background color of an element to Hex 156462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156462 }
```

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

```
.background{ background-color:#156462 }
```

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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