

Converting Colors

Hex(116560)

Have a look what the booklet for
Hex(116560) contains.

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Color

Hex(116560)

Conversions

Conversions Part 1

Format	Color
Hex	116560
RGB	17, 101, 96
RGB Percent	7%, 40%, 38%
CMY	0.9333, 0.6039, 0.6235
CMYK	0.83, 0.00, 0.05, 0.60
HSL	176°, 71%, 23%
HSV	176°, 83%, 40%
XYZ	6.9962, 10.2711, 12.6801
YIQ	75.3140, -48.4590, -19.3630

Conversions

Conversions Part 2

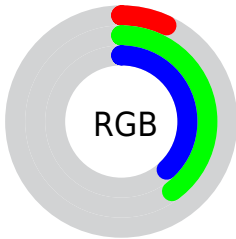
Format	Color
RYB	17, 60, 101
Decimal	1140064
CIELab	38.32, -24.61, -4.00
CIElCh	38, 24.936, 189.241
Yxy	10.2711, 0.2336, 0.3430
Android (android.graphics.Color)	4279330144 (0xFF116560)
YUV	75.3140, 10.1982, -51.1414
Hunter-Lab	32.0485, -17.1184, -1.0244

Details

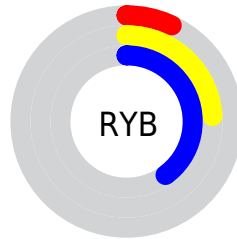
The Hex color **116560** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **651116**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4E9892**, and **003532** is the 20% darker color. If you saturate the color by 10%, you get **07655F**, and if you desaturate by 10%, it is **1B6561**.

Distribution



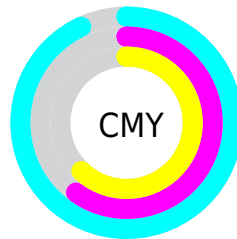
- Red (7%)
- Green (40%)
- Blue (38%)



- Red (7%)
- Yellow (24%)
- Blue (40%)



- Cyan (83%)
- Magenta (0%)
- Yellow (5%)
- Black (60%)




- Cyan (93%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 116560 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 116560 by changing the saturation by 10% instead.

 116560

 116560

FFFFFF

 004D48

 4E9892

 003532

 69B3AD

 00211D

 85CFC8

 000003


 A0EBE4

 000000

 BCFFFF

 D9FFFF

 F6FFFF

 116560

 116560

07655F

1B6561

00655F

256561

2F6562

396562

446563

4E6564

586564

626565

6C6565

Harmonies

Analogous

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



32644B



116560



006473

Triad

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



116560



65537A



735435

Complementary

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



116560



651116

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.



7F4E42



116560



794C69

Square

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



116560



475A82



814A55



615B32

Rectangle

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



116560



12627C



814A55



785238

Sweetspot

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



116560



628280



176511



2E4241



C2C2C2



424242

Same Dimension

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



116560



00827A



114165



2E3333



00736C



00F2E4

Inverse Universe

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



651116



820008



653511



332E2E



730007



F2000E

Previews

White Background



This preview shows how the Hex color 116560 looks on a white background.

Color Contrast Check

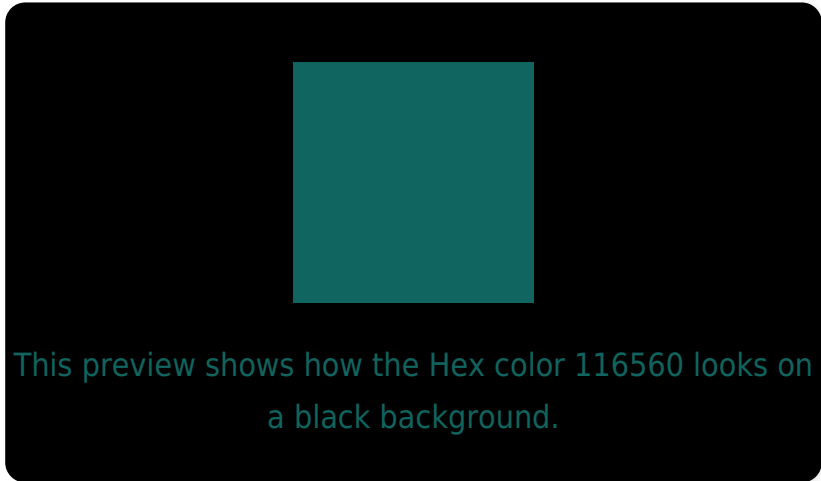
Large Text (above 18pt) WCAG AA ✓ Pass

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

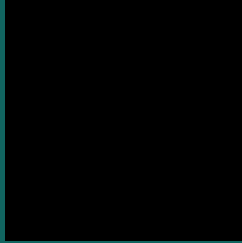
Any Text WCAG AA × Fail

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 116560 Background



This preview shows how black text looks on a background with the Hex color 116560.

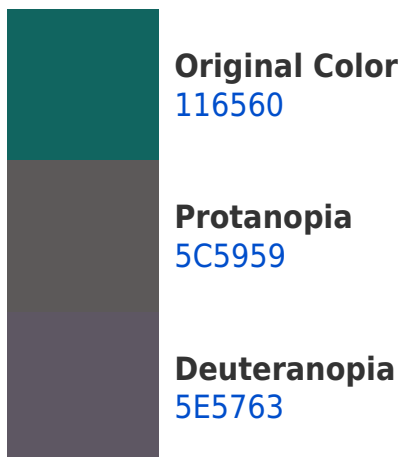


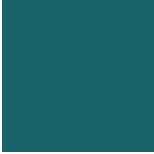
This preview shows how white text looks on a background with the Hex color 116560.

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
1B636B

Trichromacy



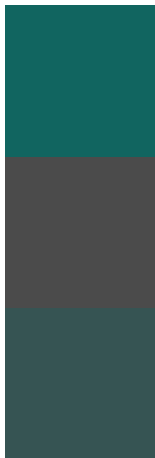
Original Color
116560

Protanomaly
415D5C

Deuteranomaly
425C62

Tritanomaly
176467

Monochromacy



Original Color
116560

Achromatopsia
4B4B4B

Achromatomaly
365453

CSS Examples

Text

The CSS property to change the color of the text to Hex 116560 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 #116560 looks like.

```
.text, #text, p{  
    color:#116560  
}
```

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 #116560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #116560
}
```

Border

The CSS property to change the border of an element to Hex 116560 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
#116560 }
```

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

```
.border{ border-color:#116560 }
```

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

Here you see how a box with a 4 pixel #116560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #116560; -webkit-box-shadow:4px 4px  
4px 4px #116560; box-shadow:4px 4px 4px  
4px #116560 }
```

Background

The CSS property to change the background color of an element to Hex 116560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#116560 }
```

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

```
.background{ background-color:#116560 }
```

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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