

Converting Colors

Hex(1B6560)

Have a look what the booklet for
Hex(1B6560) contains.

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Color

Hex(1B6560)

Conversions

Conversions Part 1

Format	Color
Hex	1B6560
RGB	27, 101, 96
RGB Percent	11%, 40%, 38%
CMY	0.8941, 0.6039, 0.6235
CMYK	0.73, 0.00, 0.05, 0.60
HSL	176°, 58%, 25%
HSV	176°, 73%, 40%
XYZ	7.2170, 10.3849, 12.6904
YIQ	78.3040, -42.4990, -17.2430

Conversions

Conversions Part 2

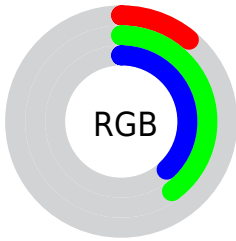
Format	Color
RYB	27, 65, 101
Decimal	1795424
CIELab	38.52, -23.29, -3.69
CIELCh	39, 23.583, 188.993
Yxy	10.3849, 0.2382, 0.3428
Android (android.graphics.Color)	4279985504 (0xFF1B6560)
YUV	78.3040, 8.7241, -44.9936
Hunter-Lab	32.2256, -16.4194, -0.7905




Details

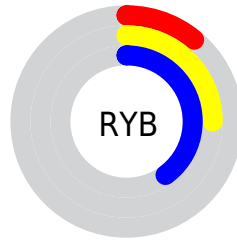
The Hex color **1B6560** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **651B20**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **539892**, and **003632** is the 20% darker color. If you saturate the color by 10%, you get **11655F**, and if you desaturate by 10%, it is **256561**.

Distribution







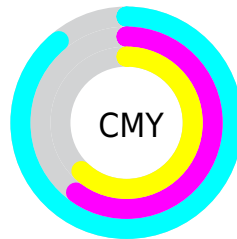
-  Red (11%)
-  Green (40%)
-  Blue (38%)






-  Red (11%)
-  Yellow (25%)
-  Blue (40%)



-  Cyan (73%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (60%)



-  Cyan (89%)
-  Magenta (60%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6560 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 1B6560 by changing the saturation by 10% instead.

 1B6560

 1B6560

FFFFFF

 004D48

 539892

 003632

 6EB3AD

 00211D

 89CFC8

 000003

 A5EBE4

 000000

 C1FFFF

 DEFFFF

 FBFFFF

 1B6560

 1B6560

■ 11655F

■ 256561

■ 07655F

■ 2F6561

■ 00655E

■ 396562

■ 436563

■ 4E6563

■ 586564

■ 626565

■ 6C6565

■ 766566

Harmonies

Analogous

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



35644C



1B6560



0C6472

Triad

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



1B6560



645478



735537

Complementary

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



1B6560



651B20

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.



7E4F44



1B6560



774E69

Square

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



1B6560



495B80



804C56



625B34

Rectangle

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



1B6560



1D627B



804C56



77533B

Sweetspot

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



1B6560



658280



21651B



314241



C2C2C2



424242

Same Dimension

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



1B6560



10827A



1B4665



2E3333



00736B



00F2E2

Inverse Universe

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



651B20



821017



653A1B



332E2E



730008



F20010

Previews

White Background



This preview shows how the Hex color 1B6560 looks on a white background.

Color Contrast Check

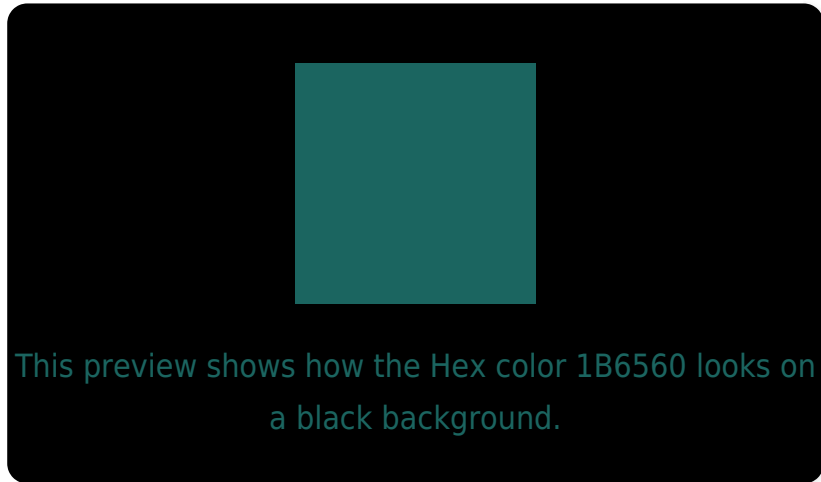
Large Text (above 18pt) WCAG AA ✓ Pass

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

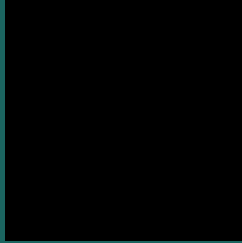
Any Text WCAG AA × Fail

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 1B6560 Background



This preview shows how black text looks on a background with the Hex color 1B6560.

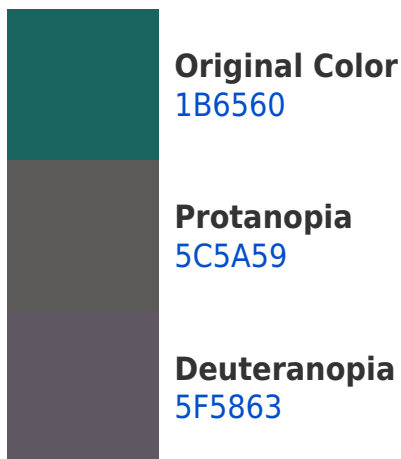


This preview shows how white text looks on a background with the Hex color 1B6560.

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](#).

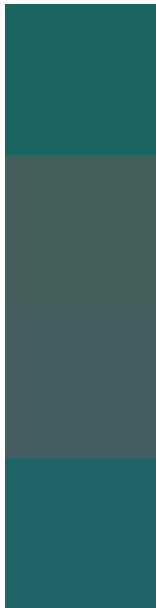
Dichromacy





Tritanopia
22636B

Trichromacy



Original Color
1B6560

Protanomaly
445E5C

Deuteranomaly
465D62

Tritanomaly
1F6467

Monochromacy



Original Color
1B6560

Achromatopsia
4E4E4E

Achromatomaly
3B5655

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6560 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 #1B6560 looks like.

```
.text, #text, p{  
    color:#1B6560  
}
```

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 #1B6560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6560
}
```

Border

The CSS property to change the border of an element to Hex 1B6560 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
#1B6560 }
```

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

```
.border{ border-color:#1B6560 }
```

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

Here you see how a box with a 4 pixel #1B6560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6560; -webkit-box-shadow:4px 4px  
4px 4px #1B6560; box-shadow:4px 4px 4px  
4px #1B6560 }
```

Background

The CSS property to change the background color of an element to Hex 1B6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6560 }
```

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

```
.background{ background-color:#1B6560 }
```

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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