

# Converting Colors

Hex(1E6662)

Have a look what the booklet for  
Hex(1E6662) contains.

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# Color

**Hex(1E6662)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E6662
RGB	30, 102, 98
RGB Percent	12%, 40%, 38%
CMY	0.8824, 0.6000, 0.6157
CMYK	0.71, 0.00, 0.04, 0.60
HSL	177°, 55%, 26%
HSV	177°, 71%, 40%
XYZ	7.4914, 10.6606, 13.2181
YIQ	80.0160, -41.6280, -16.5080

# Conversions

## Conversions Part 2

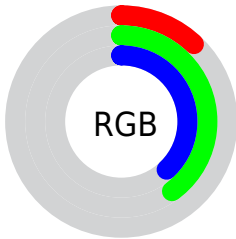
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 67, 102
Decimal	1992290
CIE Lab	39.00, -22.70, -4.20
CIE LCh	39, 23.089, 190.474
Yxy	10.6606, 0.2388, 0.3398
Android (android.graphics.Color)	4280182370 (0xFF1E6662)
YUV	80.0160, 8.8661, -43.8640
Hunter-Lab	32.6506, -16.1832, -1.1473

# Details

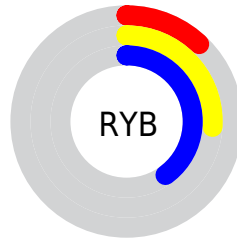
The Hex color **1E6662** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **661E22**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **569995**, and **003734** is the 20% darker color. If you saturate the color by 10%, you get **146661**, and if you desaturate by 10%, it is **286663**.

# Distribution



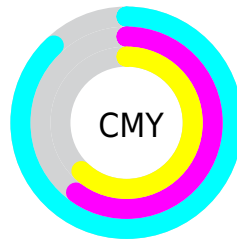
- Red (12%)
- Green (40%)
- Blue (38%)



- Red (12%)
- Yellow (26%)
- Blue (40%)



- Cyan (71%)
- Magenta (0%)
- Yellow (4%)
- Black (60%)



- Cyan (88%)
- Magenta (60%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E6662 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 1E6662 by changing the saturation by 10% instead.



 1E6662

 1E6662

FFFFFF

 004E4A

 569995

 003734

 70B4AF

 00211F

 8BD0CB

 000006

 A7ECE7

 000000

 C3FFFF

 E0FFFF

 F0FFFF

 1E6662

 1E6662

■ 146661

■ 286663

■ 0A6661

■ 326663

■ 006660

■ 3D6664

■ 476664

■ 516665

■ 5B6665

■ 656666

■ 706667

■ 7A6667

# Harmonies

## Analogous

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



36654F



1E6662



146574

# Triad

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



1E6662



675578



735639

# Complementary

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



1E6662



661E22

# 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.



7E5044



1E6662



794F69

# Square

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



1E6662



4C5B81



804D56



625D37

# Rectangle

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



1E6662



23637C



804D56



77543C



# Sweetspot

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



1E6662



698583



23661E



324241



C2C2C2



424242



# Same Dimension

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



1E6662



14857E



1E4766



2E3333



00736C



00F2E5



# Inverse Universe

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



661E22



85141A



663D1E



332E2E



730006

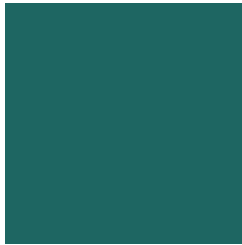


F2000D



# Previews

## White Background



This preview shows how the Hex color 1E6662 looks on a white background.

## Color Contrast Check

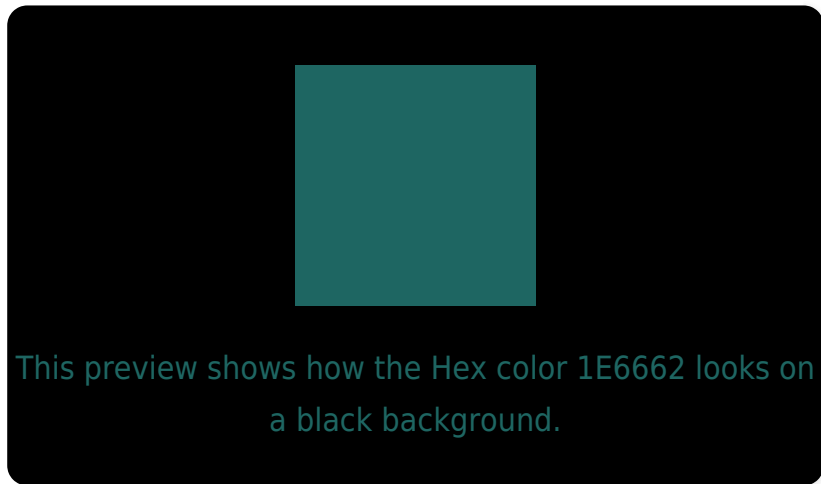
Large Text (above 18pt) WCAG AA ✓ Pass

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

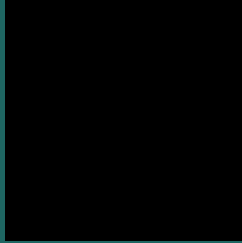
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E6662 Background



This preview shows how black text looks on a background with the Hex color 1E6662.

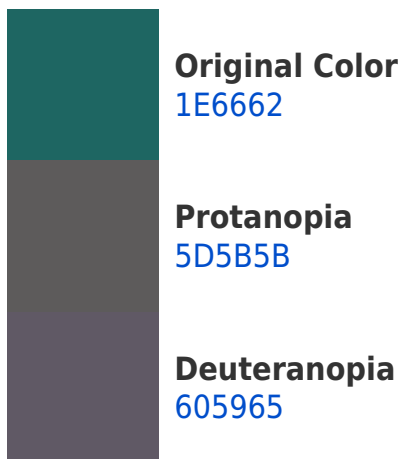


This preview shows how white text looks on a background with the Hex color 1E6662.

# 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](#).

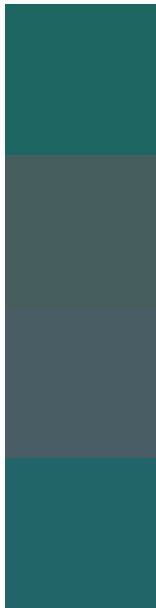
## Dichromacy





**Tritanopia**  
24646D

# Trichromacy



**Original Color**  
1E6662

**Protanomaly**  
465F5E

**Deuteranomaly**  
485E64

**Tritanomaly**  
226569

# Monochromacy



**Original Color**  
1E6662

**Achromatopsia**  
505050

**Achromatomaly**  
3E5857

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E6662 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 #1E6662 looks like.

```
.text, #text, p{  
    color:#1E6662  
}
```

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 #1E6662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6662
}
```

## Border

The CSS property to change the border of an element to Hex 1E6662 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
#1E6662 }
```

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

```
.border{ border-color:#1E6662 }
```

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

Here you see how a box with a 4 pixel #1E6662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6662; -webkit-box-shadow:4px 4px  
4px 4px #1E6662; box-shadow:4px 4px 4px  
4px #1E6662 }
```

# Background

The CSS property to change the background color of an element to Hex 1E6662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6662 }
```

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

```
.background{ background-color:#1E6662 }
```

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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