

Converting Colors

Hex(1E6868)

Have a look what the booklet for
Hex(1E6868) contains.

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Color

Hex(1E6868)

Conversions

Conversions Part 1

Format	Color
Hex	1E6868
RGB	30, 104, 104
RGB Percent	12%, 41%, 41%
CMY	0.8824, 0.5922, 0.5922
CMYK	0.71, 0.00, 0.00, 0.59
HSL	180°, 55%, 26%
HSV	180°, 71%, 41%
XYZ	7.9844, 11.1761, 14.8331
YIQ	81.8740, -44.1040, -15.6880

Conversions

Conversions Part 2

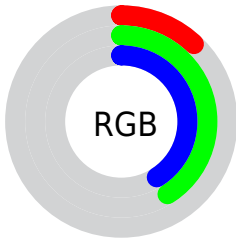
Format	Color
RYB	30, 67, 104
Decimal	1992808
CIELab	39.88, -21.86, -6.57
CIELCh	40, 22.829, 196.731
Yxy	11.1761, 0.2349, 0.3288
Android (android.graphics.Color)	4280182888 (0xFF1E6868)
YUV	81.8740, 10.9081, -45.4935
Hunter-Lab	33.4307, -15.8717, -2.9053

Details

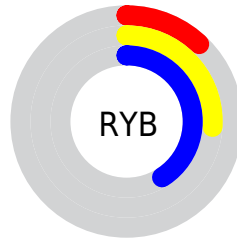
The Hex color **1E6868** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **681E1E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **579C9B**, and **003839** is the 20% darker color. If you saturate the color by 10%, you get **146868**, and if you desaturate by 10%, it is **286868**.

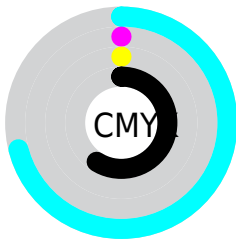
Distribution



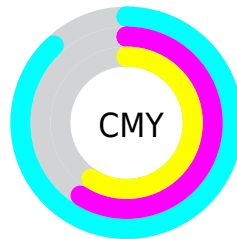
- Red (12%)
- Green (41%)
- Blue (41%)



- Red (12%)
- Yellow (26%)
- Blue (41%)



- Cyan (71%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



- Cyan (88%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6868 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 1E6868 by changing the saturation by 10% instead.

 1E6868

 1E6868

FFFFFF

 005050

 579C9B

 003839

 71B7B6

 002324

 8DD2D1

 00010F

 A8EFEE

 000000

 C5FFFF

 E1FFFF

 1E6868

 1E6868

 146868

 286868

096868

336868

006868

3D6868

486868

526868

5C6868

676868

716868

7C6868

Harmonies

Analogous

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



346755



1E6868



1C6678

Triad

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



1E6868



6D5578



725A3A

Complementary

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



1E6868



681E1E

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.



7E5444



1E6868



7D5167

Square

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



1E6868



545C81



835054



60603A

Rectangle

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



1E6868



2C6480



835054



77583C

Sweetspot

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



1E6868



6B8787



1E681E



344545



C4C4C4



454545

Same Dimension

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



1E6868



148787



1E4368



2E3333



007373



00F2F2

Inverse Universe

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



681E68



871487



68431E



332E33



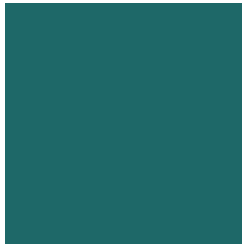
730073



F200F2

Previews

White Background



This preview shows how the Hex color 1E6868 looks on a white background.

Color Contrast Check

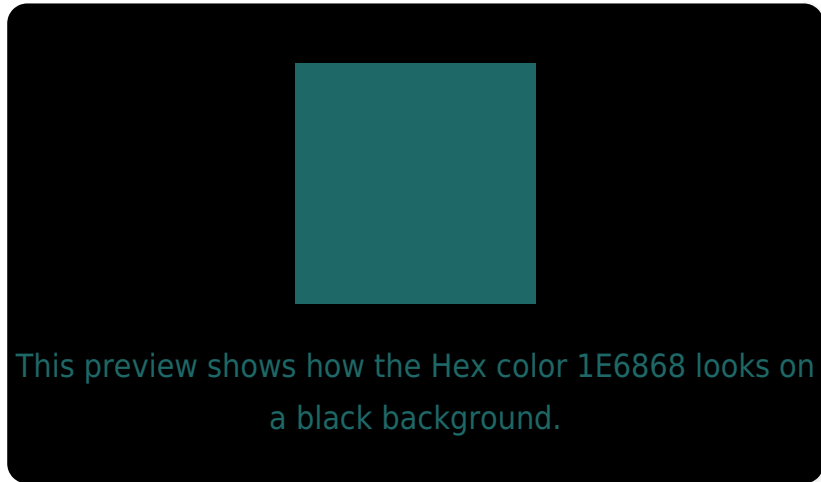
Large Text (above 18pt) WCAG AA ✓ Pass

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

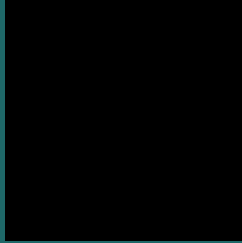
Any Text WCAG AA × Fail

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 1E6868 Background



This preview shows how black text looks on a background with the Hex color 1E6868.

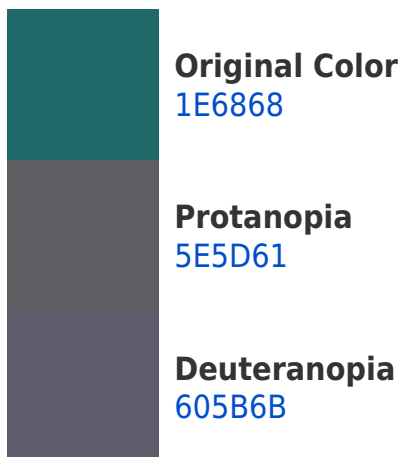



This preview shows how white text looks on a background with the Hex color 1E6868.

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](#).

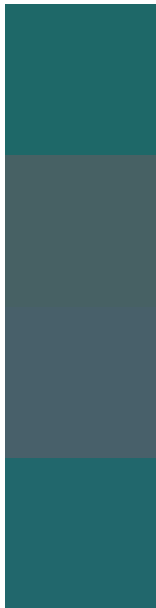
Dichromacy





Tritanopia
22676F

Trichromacy



Original Color
1E6868

Protanomaly
476164

Deuteranomaly
48606A

Tritanomaly
21676C

Monochromacy



Original Color
1E6868

Achromatopsia
525252

Achromatomaly
3F5A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6868 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 #1E6868 looks like.

```
.text, #text, p{  
    color:#1E6868  
}
```

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 #1E6868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6868
}
```

Border

The CSS property to change the border of an element to Hex 1E6868 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
#1E6868 }
```

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

```
.border{ border-color:#1E6868 }
```

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

Here you see how a box with a 4 pixel #1E6868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6868; -webkit-box-shadow:4px 4px  
4px 4px #1E6868; box-shadow:4px 4px 4px  
4px #1E6868 }
```

Background

The CSS property to change the background color of an element to Hex 1E6868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6868 }
```

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

```
.background{ background-color:#1E6868 }
```

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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