

Converting Colors

Hex(1E6176)

Have a look what the booklet for
Hex(1E6176) contains.

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Color

Hex(1E6176)

Conversions

Conversions Part 1

Format	Color
Hex	1E6176
RGB	30, 97, 118
RGB Percent	12%, 38%, 46%
CMY	0.8824, 0.6196, 0.5373
CMYK	0.75, 0.18, 0.00, 0.54
HSL	194°, 59%, 29%
HSV	194°, 75%, 46%
XYZ	8.0801, 10.1334, 18.6696
YIQ	79.3610, -46.6730, -7.6730

Conversions

Conversions Part 2

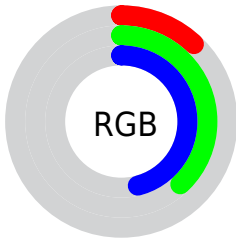
Format	Color
R_{YB}	30, 68, 118
Decimal	1991030
CIE _{Lab}	38.08, -13.26, -17.87
CIE _{LCh}	38, 22.248, 233.430
Yxy	10.1334, 0.2191, 0.2747
Android (android.graphics.Color)	4280181110 (0xFF1E6176)
YUV	79.3610, 19.0490, -43.2896
Hunter-Lab	31.8330, -10.3994, -12.4896

Details

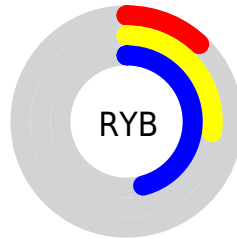
The Hex color **1E6176** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76331E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5894AA**, and **003346** is the 20% darker color. If you saturate the color by 10%, you get **125E76**, and if you desaturate by 10%, it is **2A6476**.

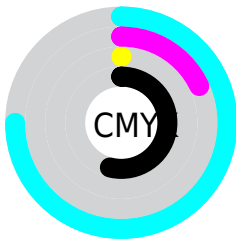
Distribution



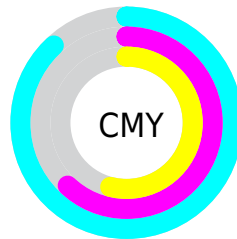
- Red (12%)
- Green (38%)
- Blue (46%)



- Red (12%)
- Yellow (27%)
- Blue (46%)



- Cyan (75%)
- Magenta (18%)
- Yellow (0%)
- Black (54%)



- Cyan (88%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6176 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 1E6176 by changing the saturation by 10% instead.

■ 1E6176

■ 1E6176

FFFFFF

■ 00495D

■ 5894AA

■ 003346

■ 73AEC5

■ 001E2F

■ 8ECAE2

■ 00011B

■ AAE6FE

■ 000000

■ C6FFFF

■ E3FFFF

■ 1E6176

■ 1E6176

■ 125E76

■ 2A6476

065B76

366776

005A76

416976

4D6C76

596F76

657276

717576

7C7876

887A76

Harmonies

Analogous

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



186367



1E6176



3A5D7D

Triad

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



1E6176



7A4C5E



575D38

Complementary

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



1E6176



76331E

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.



695736



1E6176



7D4D4C

Square

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



1E6176



6D506F



77513D



426144

Rectangle

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



1E6176



4D597C



77513D



5E5B36

Sweetspot

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



1E6176



779199



1E7633



39484D



CCCCCC



4D4D4D

Same Dimension

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



1E6176



117999



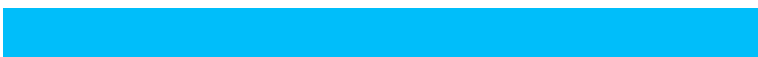
1E3576



35393B



005D7A



00BEFA

Inverse Universe

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



761E61



991179



765F1E



3B3539



7A005D



FA00BE

Previews

White Background



This preview shows how the Hex color 1E6176 looks on a white background.

Color Contrast Check

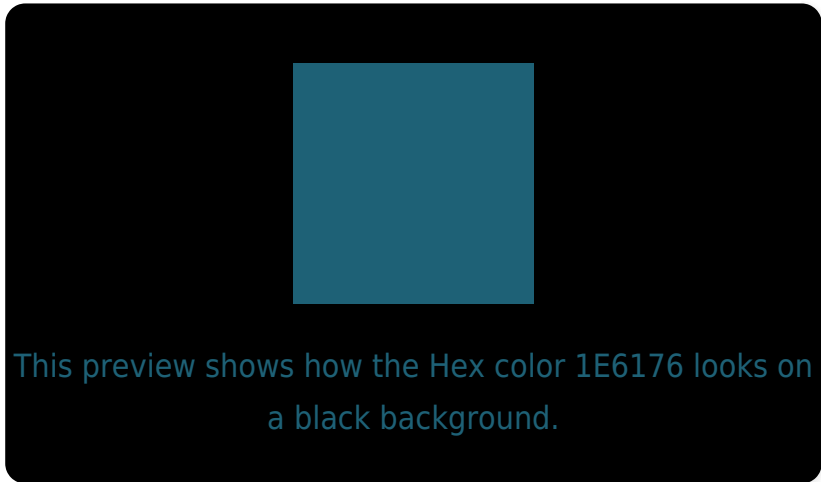
Large Text (above 18pt) WCAG AA ✓ Pass

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

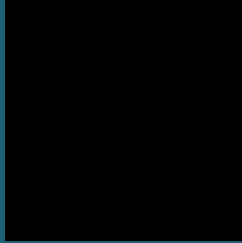
Any Text WCAG AA × Fail

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 1E6176 Background



This preview shows how black text looks on a background with the Hex color 1E6176.

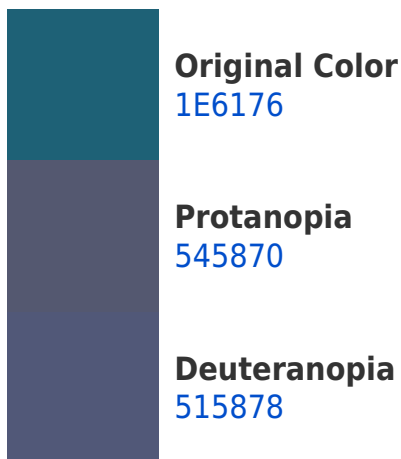


This preview shows how white text looks on a background with the Hex color 1E6176.

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
14636B

Trichromacy



Original Color
1E6176

Protanomaly
405B72

Deuteranomaly
3E5B77

Tritanomaly
18626F

Monochromacy



Original Color
1E6176

Achromatopsia
4F4F4F

Achromatomaly
3D565D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6176 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 #1E6176 looks like.

```
.text, #text, p{  
    color:#1E6176  
}
```

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 #1E6176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6176
}
```

Border

The CSS property to change the border of an element to Hex 1E6176 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
#1E6176 }
```

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

```
.border{ border-color:#1E6176 }
```

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

Here you see how a box with a 4 pixel #1E6176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6176; -webkit-box-shadow:4px 4px  
4px 4px #1E6176; box-shadow:4px 4px 4px  
4px #1E6176 }
```

Background

The CSS property to change the background color of an element to Hex 1E6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6176 }
```

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

```
.background{ background-color:#1E6176 }
```

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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