

Converting Colors

Hex(1E5161)

Have a look what the booklet for
Hex(1E5161) contains.

Hex(1E5161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E5161)

Conversions

Conversions Part 1

Format	Color
Hex	1E5161
RGB	30, 81, 97
RGB Percent	12%, 32%, 38%
CMY	0.8824, 0.6824, 0.6196
CMYK	0.69, 0.16, 0.00, 0.62
HSL	194°, 53%, 25%
HSV	194°, 69%, 38%
XYZ	5.6355, 7.0239, 12.3680
YIQ	67.5750, -35.5320, -5.8360

Conversions

Conversions Part 2

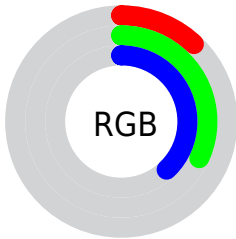
Format	Color
R_{YB}	30, 59, 97
Decimal	1986913
CIE _{Lab}	31.86, -11.33, -14.34
CIE _{LCh}	32, 18.275, 231.691
Yxy	7.0239, 0.2252, 0.2806
Android (android.graphics.Color)	4280176993 (0xFF1E5161)
YUV	67.5750, 14.5065, -32.9533
Hunter-Lab	26.5027, -8.4237, -9.1169

Details

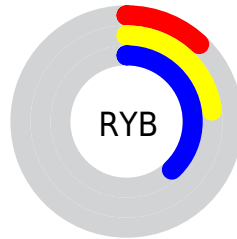
The Hex color **1E5161** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **612E1E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **538294**, and **002433** is the 20% darker color. If you saturate the color by 10%, you get **144F61**, and if you desaturate by 10%, it is **285361**.

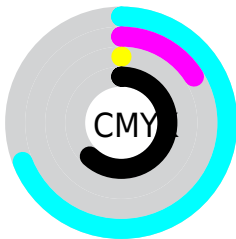
Distribution



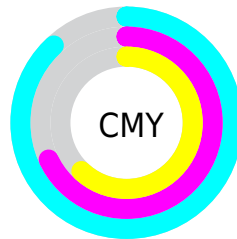
- Red (12%)
- Green (32%)
- Blue (38%)



- Red (12%)
- Yellow (23%)
- Blue (38%)



- Cyan (69%)
- Magenta (16%)
- Yellow (0%)
- Black (62%)



- Cyan (88%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E5161 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 1E5161 by changing the saturation by 10% instead.



1E5161



1E5161

FFFFFF



003A49



538294



002433



6D9CAE



000E1E



88B7CA



000001



A3D3E6



000000



BFEFFF



DBFFFF



F8FFFF



1E5161



1E5161

■ 144F61

■ 285361

■ 0B4C61

■ 315661

■ 014A61

■ 3B5861

■ 004A61

■ 455A61

■ 4F5D61

■ 585F61

■ 626161

■ 6C6461

■ 756661

Harmonies

Analogous

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



1B5355



1E5161



314E67

Triad

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



1E5161



644050



4A4D30

Complementary

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



1E5161



612E1E

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.



58492F



1E5161



674141

Square

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



1E5161



59445D



634435



3A5139

Rectangle

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



1E5161



404A67



634435



4F4C2F

Sweetspot

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



1E5161



63777D



1E612E



303C40



BFBFBF



404040

Same Dimension

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



1E5161



15647D



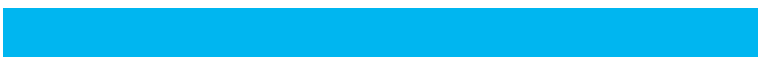
1E3061



2C2F30



005570



00B6F0

Inverse Universe

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



611E51



7D1564



614F1E



302C2F



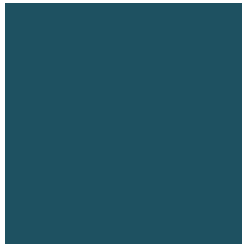
700055



F000B6

Previews

White Background



This preview shows how the Hex color 1E5161 looks on a white background.

Color Contrast Check

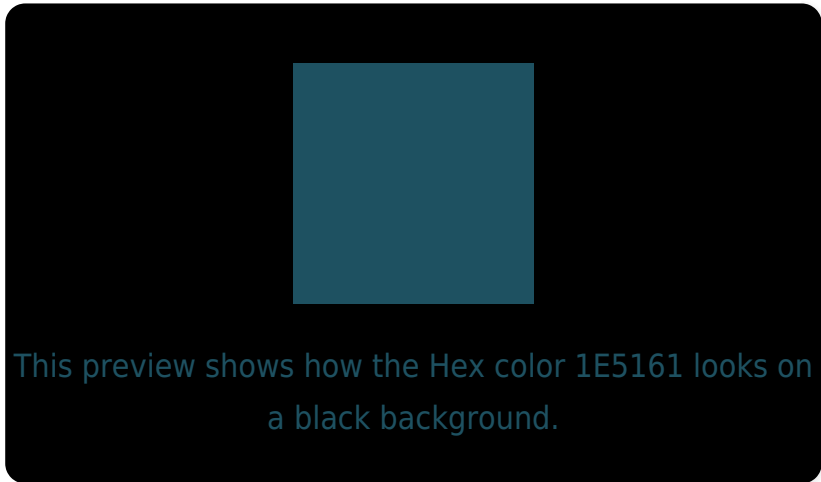
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

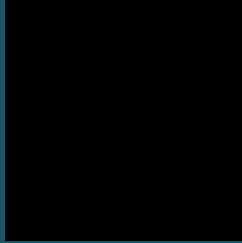
Any Text WCAG AA × Fail

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 1E5161 Background



This preview shows how black text looks on a background with the Hex color 1E5161.



This preview shows how white text looks on a background with the Hex color 1E5161.

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



Original Color
1E5161

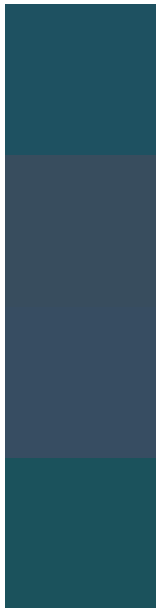
Protanopia
474A5C

Deuteranopia
454A63



Tritanopia
195259

Trichromacy



Original Color
1E5161

Protanomaly
384D5E

Deuteranomaly
374D62

Tritanomaly
1B525C

Monochromacy



Original Color
1E5161

Achromatopsia
444444

Achromatomaly
36494F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E5161 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 #1E5161 looks like.

```
.text, #text, p{  
    color:#1E5161  
}
```

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 #1E5161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E5161
}
```

Border

The CSS property to change the border of an element to Hex 1E5161 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
#1E5161 }
```

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

```
.border{ border-color:#1E5161 }
```

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

Here you see how a box with a 4 pixel #1E5161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E5161; -webkit-box-shadow:4px 4px  
4px 4px #1E5161; box-shadow:4px 4px 4px  
4px #1E5161 }
```

Background

The CSS property to change the background color of an element to Hex 1E5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E5161 }
```

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

```
.background{ background-color:#1E5161 }
```

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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