

Converting Colors

Hex(1E5271)

Have a look what the booklet for
Hex(1E5271) contains.

Hex(1E5271)	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(1E5271)

Conversions

Conversions Part 1

Format	Color
Hex	1E5271
RGB	30, 82, 113
RGB Percent	12%, 32%, 44%
CMY	0.8824, 0.6784, 0.5569
CMYK	0.73, 0.27, 0.00, 0.56
HSL	202°, 58%, 28%
HSV	202°, 73%, 44%
XYZ	6.5333, 7.5029, 16.7266
YIQ	69.9860, -40.9430, -1.3830

Conversions

Conversions Part 2

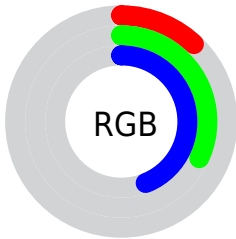
Format	Color
R_{YB}	30, 62, 113
Decimal	1987185
CIE _{Lab}	32.93, -6.07, -22.76
CIE _{LCh}	33, 23.555, 255.075
Yxy	7.5029, 0.2124, 0.2439
Android (android.graphics.Color)	4280177265 (0xFF1E5271)
YUV	69.9860, 21.2059, -35.0677
Hunter-Lab	27.3913, -5.3593, -17.0317

Details

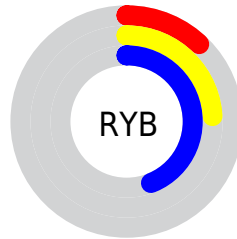
The Hex color **1E5271** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **713D1E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5683A5**, and **002641** is the 20% darker color. If you saturate the color by 10%, you get **134E71**, and if you desaturate by 10%, it is **295671**.

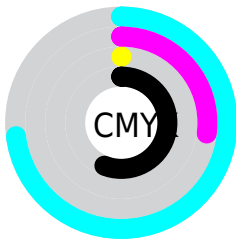
Distribution



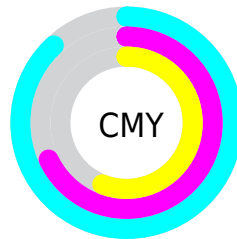
- Red (12%)
- Green (32%)
- Blue (44%)



- Red (12%)
- Yellow (24%)
- Blue (44%)



- Cyan (73%)
- Magenta (27%)
- Yellow (0%)
- Black (56%)



- Cyan (88%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E5271 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 1E5271 by changing the saturation by 10% instead.

■ 1E5271

■ 1E5271

FFFFFF

■ 003B58

■ 5683A5

■ 002641

■ 709DC0

■ 00112B

■ 8BB8DC

■ 000116

■ A7D4F9

■ 000000

■ C3F0FF

■ E0FFFF

■ F0FFFF

■ 1E5271

■ 1E5271

■ 134E71

■ 295671

■ 074A71

■ 355A71

■ 004771

■ 405F71

■ 4B6371

■ 576771

■ 626B71

■ 6D7071

■ 787471

■ 847871

Harmonies

Analogous

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



005667



1E5271



414C71

Triad

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



1E5271



713F45



3B5432

Complementary

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



1E5271



713D1E

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.



504F29



1E5271



6D4334

Square

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



1E5271



6C4058



614929



225743

Rectangle

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



1E5271



54476C



614929



43532E

Sweetspot

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



1E5271



738894



1E713C



37434A



C9C9C9



4A4A4A

Same Dimension

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



1E5271



126394



1E2971



323638



004B78



009BF7

Inverse Universe

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



711E52



941263



71661E



383236



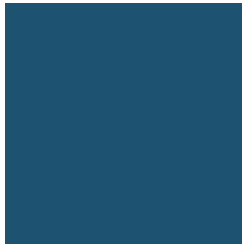
78004B



F7009B

Previews

White Background



This preview shows how the Hex color 1E5271 looks on a white background.

Color Contrast Check

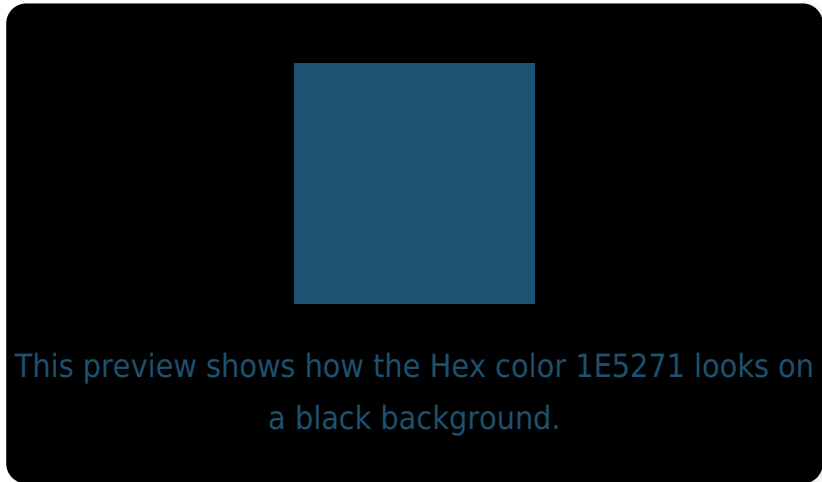
Large Text (above 18pt) WCAG AA ✓ Pass

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

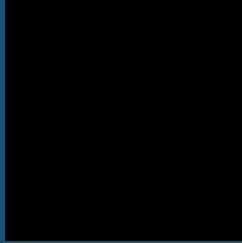
Any Text WCAG AA × Fail

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 1E5271 Background



This preview shows how black text looks on a background with the Hex color 1E5271.



This preview shows how white text looks on a background with the Hex color 1E5271.

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
1E5271

Protanopia
434C6C

Deuteranopia
3D4D72

Trichromacy



Original Color
1E5271

Protanomaly
364E6E

Deuteranomaly
324F72

Tritanomaly
105564

Monochromacy



Original Color
1E5271

Achromatopsia
464646

Achromatomaly
374A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E5271 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 #1E5271 looks like.

```
.text, #text, p{  
    color:#1E5271  
}
```

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 #1E5271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E5271
}
```

Border

The CSS property to change the border of an element to Hex 1E5271 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
#1E5271 }
```

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

```
.border{ border-color:#1E5271 }
```

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

Here you see how a box with a 4 pixel #1E5271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E5271; -webkit-box-shadow:4px 4px  
4px 4px #1E5271; box-shadow:4px 4px 4px  
4px #1E5271 }
```

Background

The CSS property to change the background color of an element to Hex 1E5271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E5271 }
```

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

```
.background{ background-color:#1E5271 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor