

Converting Colors

Hex(1E3C52)

Have a look what the booklet for
Hex(1E3C52) contains.

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Color

Hex(1E3C52)

Conversions

Conversions Part 1

Format	Color
Hex	1E3C52
RGB	30, 60, 82
RGB Percent	12%, 24%, 32%
CMY	0.8824, 0.7647, 0.6784
CMYK	0.63, 0.27, 0.00, 0.68
HSL	205°, 46%, 22%
HSV	205°, 63%, 32%
XYZ	3.6743, 4.1169, 8.5836
YIQ	53.5380, -24.9420, 0.4820

Conversions

Conversions Part 2

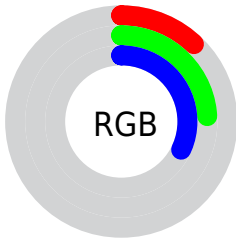
Format	Color
R_{YB}	30, 49, 82
Decimal	1981522
CIE Lab	24.05, -3.59, -16.70
CIE LCh	24, 17.078, 257.881
Yxy	4.1169, 0.2244, 0.2514
Android (android.graphics.Color)	4280171602 (0xFF1E3C52)
YUV	53.5380, 14.0318, -20.6428
Hunter-Lab	20.2902, -3.1841, -10.8791

Details

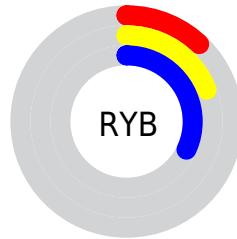
The Hex color **1E3C52** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52341E**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4F6B83**, and **001225** is the 20% darker color. If you saturate the color by 10%, you get **163952**, and if you desaturate by 10%, it is **263F52**.

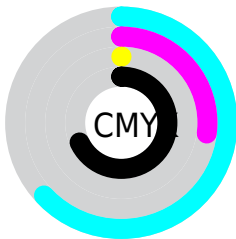
Distribution



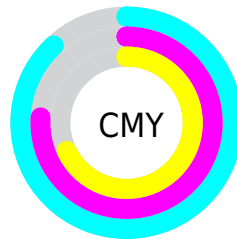
- Red (12%)
- Green (24%)
- Blue (32%)



- Red (12%)
- Yellow (19%)
- Blue (32%)



- Cyan (63%)
- Magenta (27%)
- Yellow (0%)
- Black (68%)



- Cyan (88%)
- Magenta (76%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3C52 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 1E3C52 by changing the saturation by 10% instead.

■ 1E3C52

■ 1E3C52

FFFFFF

■ 02263B

■ 4F6B83

■ 001225

■ 68849E

■ 00010F

■ 829EB9

■ 000000

■ 9DB9D4

■ B8D5F1

■ D4F1FF

■ F1FFFF

■ 1E3C52

■ 1E3C52

■ 163952

■ 263F52

■ 0E3552

■ 2E4352

■ 053252

■ 374652

■ 002F52

■ 3F4A52

■ 474D52

■ 4F5152

■ 575452

■ 605852

■ 685B52

Harmonies

Analogous

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



093F4C



1E3C52



333851

Triad

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



1E3C52



523032



2B3E28

Complementary

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



1E3C52



52341E

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.



3A3B20



1E3C52



4F3227

Square

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



1E3C52



4F303F



463720



1B4033

Rectangle

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



1E3C52



3F354D



463720



313D25

Sweetspot

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



1E3C52



57626B



1E5234



293036



B5B5B5



363636

Same Dimension

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



1E3C52



1A496B



1E2252



252729



003C69



0086E8

Inverse Universe

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



521E3C



6B1A49



524E1E



292527



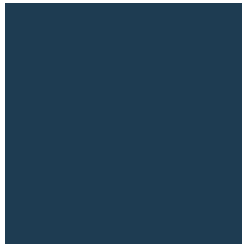
69003C



E80086

Previews

White Background



This preview shows how the Hex color 1E3C52 looks on a white background.

Color Contrast Check

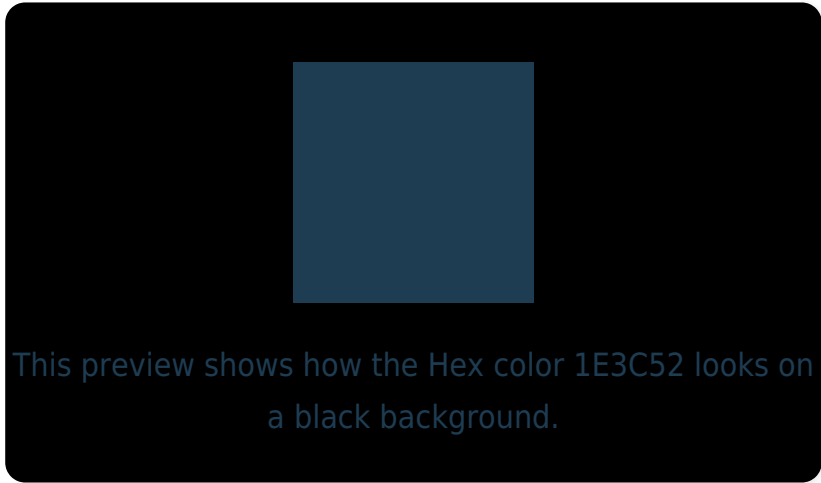
Large Text (above 18pt) WCAG AA ✓ Pass

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

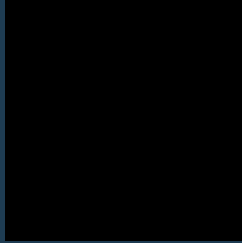
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

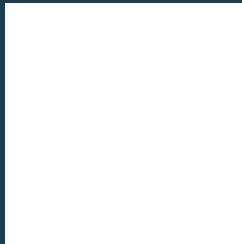
Any Text WCAG AAA × Fail

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

Hex 1E3C52 Background



This preview shows how black text looks on a background with the Hex color 1E3C52.



This preview shows how white text looks on a background with the Hex color 1E3C52.

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
1E3C52

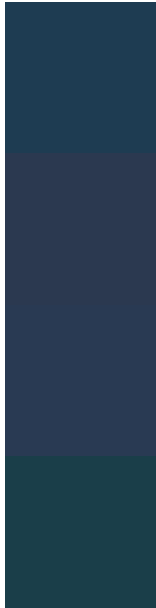
Protanopia
32384F

Deuteranopia
2F3953



Tritanopia
173F44

Trichromacy



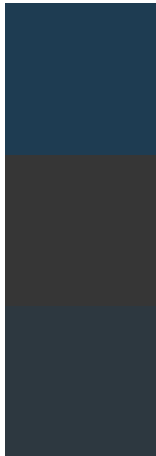
Original Color
1E3C52

Protanomaly
2B3950

Deuteranomaly
293A53

Tritanomaly
1A3E49

Monochromacy



Original Color
1E3C52

Achromatopsia
363636

Achromatomaly
2D3840

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3C52 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 #1E3C52 looks like.

```
.text, #text, p{  
    color:#1E3C52  
}
```

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 #1E3C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3C52
}
```

Border

The CSS property to change the border of an element to Hex 1E3C52 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
#1E3C52 }
```

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

```
.border{ border-color:#1E3C52 }
```

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

Here you see how a box with a 4 pixel #1E3C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3C52; -webkit-box-shadow:4px 4px  
4px 4px #1E3C52; box-shadow:4px 4px 4px  
4px #1E3C52 }
```

Background

The CSS property to change the background color of an element to Hex 1E3C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3C52 }
```

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

```
.background{ background-color:#1E3C52 }
```

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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