

Converting Colors

Hex(1E3256)

Have a look what the booklet for
Hex(1E3256) contains.

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Color

Hex(1E3256)

Conversions

Conversions Part 1

Format	Color
Hex	1E3256
RGB	30, 50, 86
RGB Percent	12%, 20%, 34%
CMY	0.8824, 0.8039, 0.6627
CMYK	0.65, 0.42, 0.00, 0.66
HSL	219°, 48%, 23%
HSV	219°, 65%, 34%
XYZ	3.3557, 3.2291, 9.2505
YIQ	48.1240, -23.4760, 6.9560

Conversions

Conversions Part 2

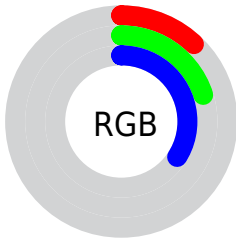
Format	Color
RYB	30, 45, 86
Decimal	1978966
CIELab	20.94, 4.81, -24.23
CIELCh	21, 24.707, 281.223
Yxy	3.2291, 0.2119, 0.2039
Android (android.graphics.Color)	4280169046 (0xFF1E3256)
YUV	48.1240, 18.6729, -15.8947
Hunter-Lab	17.9697, 1.8868, -17.9427

Details

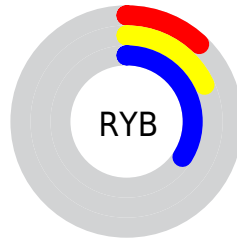
The Hex color **1E3256** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **56421E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **506088**, and **000229** is the 20% darker color. If you saturate the color by 10%, you get **152C56**, and if you desaturate by 10%, it is **273856**.

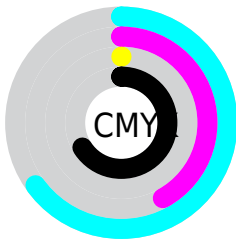
Distribution



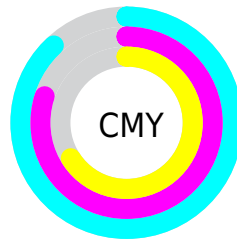
- Red (12%)
- Green (20%)
- Blue (34%)



- Red (12%)
- Yellow (18%)
- Blue (34%)



- Cyan (65%)
- Magenta (42%)
- Yellow (0%)
- Black (66%)



- Cyan (88%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3256 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 1E3256 by changing the saturation by 10% instead.

■ 1E3256

■ 1E3256

FFFFFF

■ 011D3F

■ 506088

■ 000229

■ 6979A2

■ 000113

■ 8392BE

■ 000000

■ 9EADD9

■ B9C8F6

■ D6E4FF

■ F2FFFF

■ 1E3256

■ 1E3256

■ 152C56

■ 273856

■ 0D2756

■ 2F3D56

■ 042156

■ 384356

■ 001F56

■ 404856

■ 494E56

■ 525356

■ 5A5956

■ 635E56

■ 6B6456

Harmonies

Analogous

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



003755



1E3256



3C2B4E

Triad

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



1E3256



51261B



013B26

Complementary

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



1E3256



56421E

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.



223816



1E3256



462D0F

Square

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



1E3256



54222C



36340C



003B39

Rectangle

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



1E3256



492644



36340C



103A20

Sweetspot

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



1E3256



5A6270



1E5641



2B2F38



B8B8B8



383838

Same Dimension

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



1E3256



193870



251E56



27292B



00266B



0054EB

Inverse Universe

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



561E32



701938



4F561E



2B2729



6B0026



EB0054

Previews

White Background



This preview shows how the Hex color 1E3256 looks on a white background.

Color Contrast Check

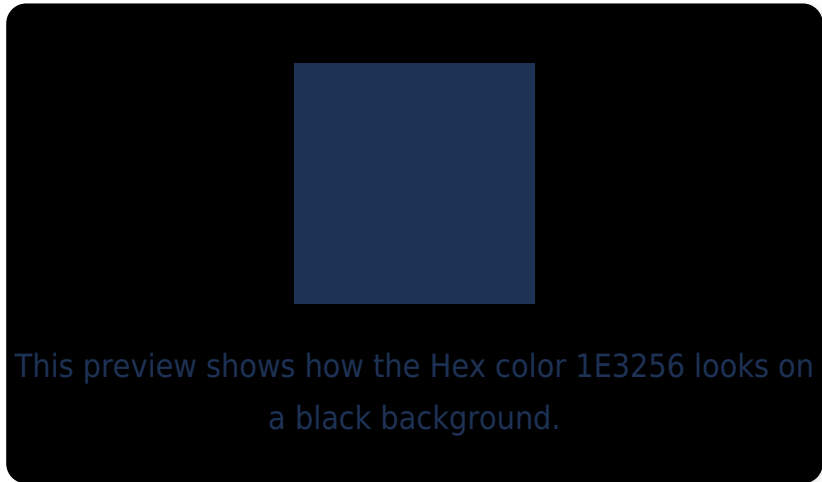
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E3256 Background



This preview shows how black text looks on a background with the Hex color 1E3256.



This preview shows how white text looks on a background with the Hex color 1E3256.

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](#).

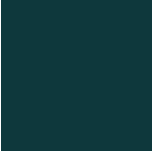
Dichromacy



Original Color
1E3256

Protanopia
233155

Deuteranopia
183356



Tritanopia
0E383C

Trichromacy



Original Color
1E3256

Protanomaly
213155

Deuteranomaly
1A3356

Tritanomaly
143645

Monochromacy



Original Color
1E3256

Achromatopsia
303030

Achromatomaly
29313E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3256 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 #1E3256 looks like.

```
.text, #text, p{  
    color:#1E3256  
}
```

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 #1E3256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3256  
}
```

Border

The CSS property to change the border of an element to Hex 1E3256 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  
#1E3256 }
```

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

```
.border{ border-color:#1E3256 }
```

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

Here you see how a box with a 4 pixel #1E3256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3256; -webkit-box-shadow:4px 4px  
4px 4px #1E3256; box-shadow:4px 4px 4px  
4px #1E3256 }
```

Background

The CSS property to change the background color of an element to Hex 1E3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3256 }
```

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

```
.background{ background-color:#1E3256 }
```

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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