

Converting Colors

Hex(1E253D)

Have a look what the booklet for
Hex(1E253D) contains.

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Color

Hex(1E253D)

Conversions

Conversions Part 1

Format	Color
Hex	1E253D
RGB	30, 37, 61
RGB Percent	12%, 15%, 24%
CMY	0.8824, 0.8549, 0.7608
CMYK	0.51, 0.39, 0.00, 0.76
HSL	226°, 34%, 18%
HSV	226°, 51%, 24%
XYZ	2.0393, 1.9361, 4.6811
YIQ	37.6430, -11.8760, 5.9800

Conversions

Conversions Part 2

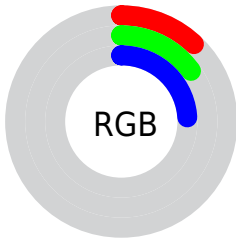
Format	Color
R_{YB}	30, 36, 61
Decimal	1975613
CIE Lab	15.15, 4.68, -16.36
CIE LCh	15, 17.015, 285.956
Yxy	1.9361, 0.2356, 0.2237
Android (android.graphics.Color)	4280165693 (0xFF1E253D)
YUV	37.6430, 11.5150, -6.7029
Hunter-Lab	13.9143, 1.8111, -10.2065




Details

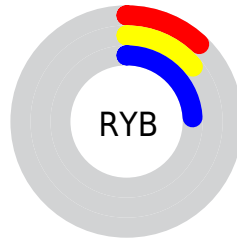
The Hex color **1E253D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D361E**, and the grayscale version is **262626**.




A 20% lighter version of the original color is **4C516D**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **18203D**, and if you desaturate by 10%, it is **242A3D**.

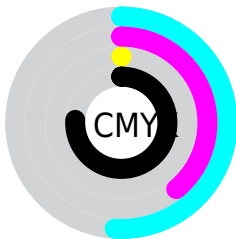
Distribution







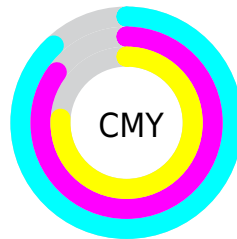
-  Red (12%)
-  Green (15%)
-  Blue (24%)






-  Red (12%)
-  Yellow (14%)
-  Blue (24%)



-  Cyan (51%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (88%)
-  Magenta (85%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E253D 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 1E253D by changing the saturation by 10% instead.



1E253D



1E253D

FFFFFF



081027



4C516D



000112



646A86



000000



7D83A0



989DBB



B3B8D7



CED3F3



EBEFFF



1E253D



1E253D

■ 18203D

■ 242A3D

■ 121C3D

■ 2A2E3D

■ 0C173D

■ 30333D

■ 06123D

■ 36383D

■ 000E3D

■ 3D3D3D

■ 43413D

■ 49463D

■ 4F4B3D

■ 55503D

Harmonies

Analogous

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



03293D



1E253D



2F2037

Triad

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



1E253D



3A1F15



072C20

Complementary

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



1E253D



3D361E

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.



1A2A15



1E253D



32230E

Square

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



1E253D



3D1C20



27270D



002C2C

Rectangle

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



1E253D



371E30



27270D



0E2B1C

Sweetspot

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



1E253D



43464F



1E3D36



212329



A8A8A8



292929

Same Dimension

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



1E253D



1F2A4F



261E3D



1C1C1F



00155E



0032DE

Inverse Universe

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



3D1E25



4F1F2A



353D1E



1F1C1C



5E0015



DE0032

Previews

White Background



This preview shows how the Hex color 1E253D looks on a white background.

Color Contrast Check

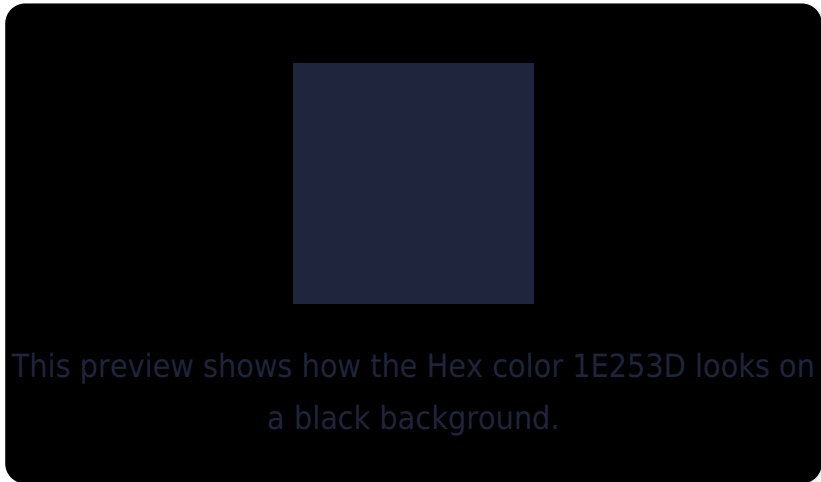
Large Text (above 18pt) WCAG AA ✓ Pass

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

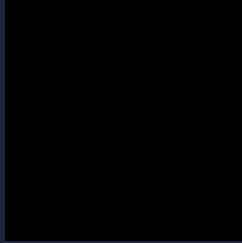
Any Text WCAG AA × Fail

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 1E253D Background



This preview shows how black text looks on a background with the Hex color 1E253D.



This preview shows how white text looks on a background with the Hex color 1E253D.

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
1E253D

Protanopia
1D253D

Deuteranopia
19263D



Tritanopia
18292C

Trichromacy



Original Color
1E253D

Protanomaly
1D253D

Deuteranomaly
1B263D

Tritanomaly
1A2832

Monochromacy



Original Color
1E253D

Achromatopsia
262626

Achromatomaly
23262E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E253D 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 #1E253D looks like.

```
.text, #text, p{  
    color:#1E253D  
}
```

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 #1E253D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E253D
}
```

Border

The CSS property to change the border of an element to Hex 1E253D is called "border". The border property can be set on classes, ids or directly on the HTML element.

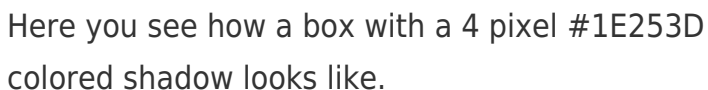
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E253D }
```

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

```
.border{ border-color:#1E253D }
```

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



Here you see how a box with a 4 pixel #1E253D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E253D; -webkit-box-shadow:4px 4px  
4px 4px #1E253D; box-shadow:4px 4px 4px  
4px #1E253D }
```

Background

The CSS property to change the background color of an element to Hex 1E253D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E253D }
```

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

```
.background{ background-color:#1E253D }
```

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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