

Converting Colors

Hex(1D254E)

Have a look what the booklet for
Hex(1D254E) contains.

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Color

Hex(1D254E)

Conversions

Conversions Part 1

Format	Color
Hex	1D254E
RGB	29, 37, 78
RGB Percent	11%, 15%, 31%
CMY	0.8863, 0.8549, 0.6941
CMYK	0.63, 0.53, 0.00, 0.69
HSL	230°, 46%, 21%
HSV	230°, 63%, 31%
XYZ	2.5434, 2.1344, 7.4857
YIQ	39.2820, -17.9290, 11.0550

Conversions

Conversions Part 2

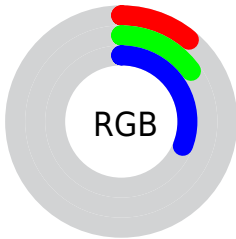
Format	Color
R_{YB}	29, 36, 78
Decimal	1910094
CIE Lab	16.18, 10.86, -26.45
CIE LCh	16, 28.595, 292.315
Yxy	2.1344, 0.2091, 0.1755
Android (android.graphics.Color)	4280100174 (0xFF1D254E)
YUV	39.2820, 19.0880, -9.0173
Hunter-Lab	14.6096, 5.5085, -20.1522

Details

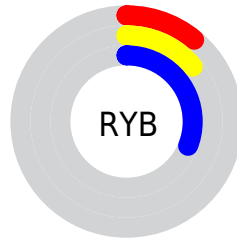
The Hex color **1D254E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4E461D**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4E517F**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **151E4E**, and if you desaturate by 10%, it is **252C4E**.

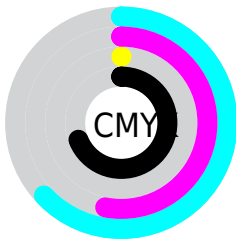
Distribution



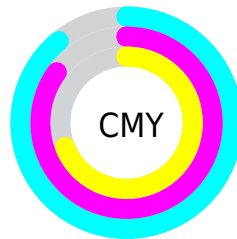
- Red (11%)
- Green (15%)
- Blue (31%)



- Red (11%)
- Yellow (14%)
- Blue (31%)



- Cyan (63%)
- Magenta (53%)
- Yellow (0%)
- Black (69%)



- Cyan (89%)
- Magenta (85%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D254E 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 1D254E by changing the saturation by 10% instead.

■ 1D254E

■ 1D254E

FFFFFF

■ 031137

■ 4E517F

■ 000221

■ 67699A

■ 000006

■ 8183B5

■ 000000

■ 9B9DD0

■ B7B7ED

■ D3D3FF

■ EFEFFF

■ 1D254E

■ 1D254E

■ 151E4E

■ 252C4E

■ 0D184E

■ 2D324E

■ 06114E

■ 34394E

■ 000D4E

■ 3C3F4E

■ 44464E

■ 4C4C4E

■ 54534E

■ 5B594E

■ 63604E

Harmonies

Analogous

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



002C51



1D254E



3B1C41

Triad

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



1D254E



451D04



003122

Complementary

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



1D254E



4E461D

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.



072F0D



1D254E



372500

Square

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



1D254E



4C151A



252C00



003137

Rectangle

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



1D254E



461635



252C00



00311B

Sweetspot

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



1D254E



535666



1D4E46



272933



B3B3B3



333333

Same Dimension

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



1D254E



1A2666



2D1D4E



222326



001166



0025E6

Inverse Universe

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



4E1D25



661A26



3E4E1D



262223



660011



E60025

Previews

White Background



This preview shows how the Hex color 1D254E looks on a white background.

Color Contrast Check

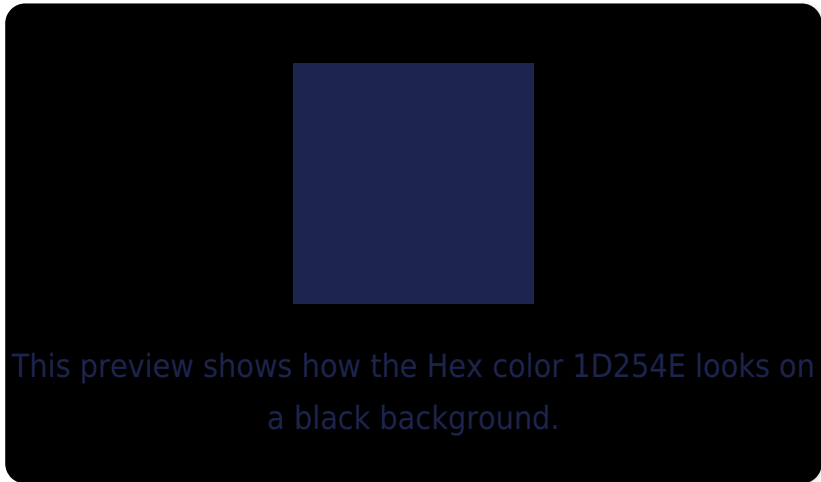
Large Text (above 18pt) WCAG AA ✓ Pass

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

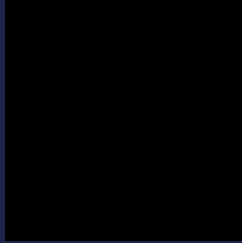
Any Text WCAG AA × Fail

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 1D254E Background



This preview shows how black text looks on a background with the Hex color 1D254E.



This preview shows how white text looks on a background with the Hex color 1D254E.

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
1D254E

Protanopia
0D2750

Deuteranopia
002948

Trichromacy



Original Color
1D254E

Protanomaly
13264F

Deuteranomaly
0B284A

Tritanomaly
12293B

Monochromacy



Original Color
1D254E

Achromatopsia
272727

Achromatomaly
232635

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D254E 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 #1D254E looks like.

```
.text, #text, p{  
    color:#1D254E  
}
```

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 #1D254E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D254E
}
```

Border

The CSS property to change the border of an element to Hex 1D254E is called "border". The border property can be set on classes, ids or directly on the HTML element.

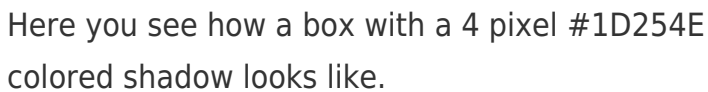
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D254E }
```

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

```
.border{ border-color:#1D254E }
```

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



Here you see how a box with a 4 pixel #1D254E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D254E; -webkit-box-shadow:4px 4px  
4px 4px #1D254E; box-shadow:4px 4px 4px  
4px #1D254E }
```

Background

The CSS property to change the background color of an element to Hex 1D254E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D254E }
```

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

```
.background{ background-color:#1D254E }
```

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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