

Converting Colors

Hex(1E294F)

Have a look what the booklet for
Hex(1E294F) contains.

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Color

Hex(1E294F)

Conversions

Conversions Part 1

Format	Color
Hex	1E294F
RGB	30, 41, 79
RGB Percent	12%, 16%, 31%
CMY	0.8824, 0.8392, 0.6902
CMYK	0.62, 0.48, 0.00, 0.69
HSL	227°, 45%, 21%
HSV	227°, 62%, 31%
XYZ	2.7396, 2.4264, 7.7211
YIQ	42.0430, -18.7540, 9.4860

Conversions

Conversions Part 2

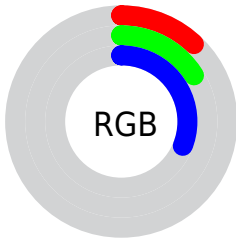
Format	Color
RYB	30, 39, 79
Decimal	1976655
CIELab	17.58, 8.55, -24.88
CIELCh	18, 26.310, 288.970
Yxy	2.4264, 0.2126, 0.1883
Android (android.graphics.Color)	4280166735 (0xFF1E294F)
YUV	42.0430, 18.2198, -10.5617
Hunter-Lab	15.5769, 4.1346, -18.4847

Details

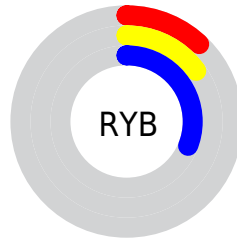
The Hex color **1E294F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4F441E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4F5681**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **16234F**, and if you desaturate by 10%, it is **262F4F**.

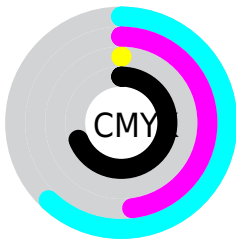
Distribution



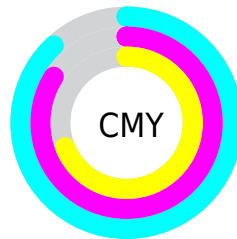
- Red (12%)
- Green (16%)
- Blue (31%)



- Red (12%)
- Yellow (15%)
- Blue (31%)



- Cyan (62%)
- Magenta (48%)
- Yellow (0%)
- Black (69%)



- Cyan (88%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E294F 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 1E294F by changing the saturation by 10% instead.



1E294F



1E294F

FFFFFF



031538



4F5681



000222



686E9B



000008



8287B6



000000



9CA2D1



B8BDEE



D4D8FF



F0F5FF



1E294F



1E294F

■ 16234F

■ 262F4F

■ 0E1D4F

■ 2E354F

■ 06174F

■ 363B4F

■ 00124F

■ 3E424F

■ 46484F

■ 4D4E4F

■ 55544F

■ 5D5A4F

■ 65604F

Harmonies

Analogous

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



002F50



1E294F



3B2144

Triad

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



1E294F



47200F



003423

Complementary

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



1E294F



4F441E

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.



123211



1E294F



3B2800

Square

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



1E294F



4D1A20



2A2E00



003437

Rectangle

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



1E294F



461C39



2A2E00



00331D

Sweetspot

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



1E294F



535766



1E4F44



272A33



B3B3B3



333333

Same Dimension

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



1E294F



1B2B66



2B1E4F



222326



001766



0034E6

Inverse Universe

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



4F1E29



661B2B



424F1E



262223



660017



E60034

Previews

White Background



This preview shows how the Hex color 1E294F looks on a white background.

Color Contrast Check

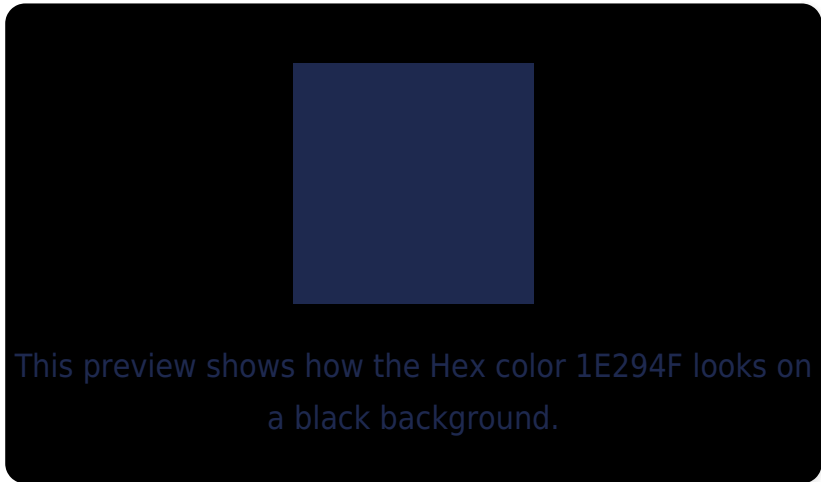
Large Text (above 18pt) WCAG AA ✓ Pass

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

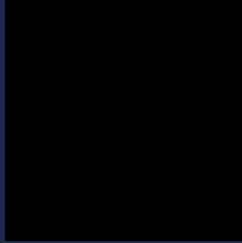
Any Text WCAG AA × Fail

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 1E294F Background



This preview shows how black text looks on a background with the Hex color 1E294F.



This preview shows how white text looks on a background with the Hex color 1E294F.

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
1E294F

Protanopia
182A50

Deuteranopia
002C4E



Tritanopia
102F33

Trichromacy



Original Color
1E294F

Protanomaly
1A2A50

Deuteranomaly
0B2B4E

Tritanomaly
152D3D

Monochromacy



Original Color
1E294F

Achromatopsia
2A2A2A

Achromatomaly
262A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E294F 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 #1E294F looks like.

```
.text, #text, p{  
    color:#1E294F  
}
```

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 #1E294F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E294F
}
```

Border

The CSS property to change the border of an element to Hex 1E294F is called "border". The border property can be set on classes, ids or directly on the HTML element.

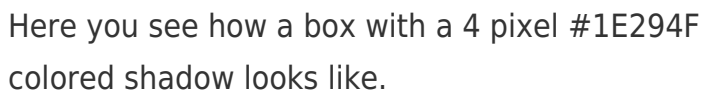
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E294F }
```

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

```
.border{ border-color:#1E294F }
```

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



Here you see how a box with a 4 pixel #1E294F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E294F; -webkit-box-shadow:4px 4px  
4px 4px #1E294F; box-shadow:4px 4px 4px  
4px #1E294F }
```

Background

The CSS property to change the background color of an element to Hex 1E294F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E294F }
```

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

```
.background{ background-color:#1E294F }
```

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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