

Converting Colors

Hex(1E386A)

Have a look what the booklet for
Hex(1E386A) contains.

Hex(1E386A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E386A)

Conversions

Conversions Part 1

Format	Color
Hex	1E386A
RGB	30, 56, 106
RGB Percent	12%, 22%, 42%
CMY	0.8824, 0.7804, 0.5843
CMYK	0.72, 0.47, 0.00, 0.58
HSL	219°, 56%, 27%
HSV	219°, 72%, 42%
XYZ	4.5511, 4.1450, 14.1959
YIQ	53.9260, -31.5460, 10.0380

Conversions

Conversions Part 2

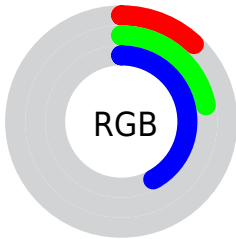
Format	Color
R _Y B	30, 49, 106
Decimal	1980522
CIE Lab	24.15, 8.53, -32.20
CIE LCh	24, 33.308, 284.830
Yxy	4.1450, 0.1988, 0.1811
Android (android.graphics.Color)	4280170602 (0xFF1E386A)
YUV	53.9260, 25.6725, -20.9831
Hunter-Lab	20.3592, 4.2734, -27.0897

Details

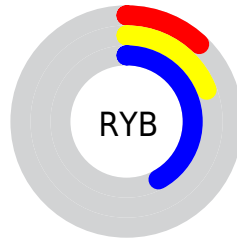
The Hex color **1E386A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6A501E**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **54669E**, and **000D3A** is the 20% darker color. If you saturate the color by 10%, you get **13316A**, and if you desaturate by 10%, it is **293F6A**.

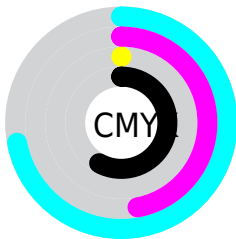
Distribution



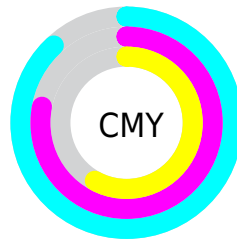
- Red (12%)
- Green (22%)
- Blue (42%)



- Red (12%)
- Yellow (19%)
- Blue (42%)



- Cyan (72%)
- Magenta (47%)
- Yellow (0%)
- Black (58%)



- Cyan (88%)
- Magenta (78%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E386A 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 1E386A by changing the saturation by 10% instead.

■ 1E386A

■ 1E386A

FFFFFF

■ 002352

■ 54669E

■ 000D3A

■ 6E7FB9

■ 000224

■ 8999D5

■ 00000C

■ A4B4F1

■ 000000

■ C0CFFF

■ DDECFF

■ FAFFFF

■ 1E386A

■ 1E386A

■ 13316A

■ 293F6A

■ 092A6A

■ 33466A

■ 00246A

■ 3E4D6A

■ 48546A

■ 535B6A

■ 5E626A

■ 68696A

■ 73706A

■ 7D776A

Harmonies

Analogous

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



00406A



1E386A



4A2D5D

Triad

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



1E386A



602917



00442B

Complementary

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



1E386A



6A501E

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.



1D4113



1E386A



503404

Square

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



1E386A



66212E



3A3C01



004545

Rectangle

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



1E386A



5B264F



3A3C01



004423

Sweetspot

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



1E386A



6B768A



1E6A4F



333945



C4C4C4



454545

Same Dimension

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



1E386A



133C8A



291E6A



303236



002875



0054F5

Inverse Universe

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



6A1E38



8A133C



5F6A1E



363032



750028



F50054

Previews

White Background



This preview shows how the Hex color 1E386A looks on a white background.

Color Contrast Check

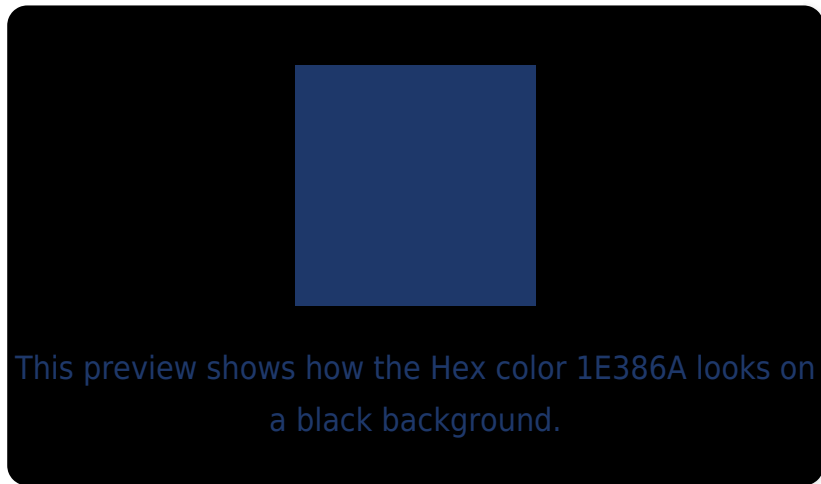
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E386A Background



This preview shows how black text looks on a background with the Hex color 1E386A.



This preview shows how white text looks on a background with the Hex color 1E386A.

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
1E386A

Protanopia
20386A

Deuteranopia
003B67

Trichromacy



Original Color
1E386A

Protanomaly
1F386A

Deuteranomaly
0B3A68

Tritanomaly
0B3D52

Monochromacy



Original Color
1E386A

Achromatopsia
363636

Achromatomaly
2D3749

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E386A 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 #1E386A looks like.

```
.text, #text, p{  
    color:#1E386A  
}
```

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 #1E386A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E386A
}
```

Border

The CSS property to change the border of an element to Hex 1E386A 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
#1E386A }
```

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

```
.border{ border-color:#1E386A }
```

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

Here you see how a box with a 4 pixel #1E386A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E386A; -webkit-box-shadow:4px 4px  
4px 4px #1E386A; box-shadow:4px 4px 4px  
4px #1E386A }
```

Background

The CSS property to change the background color of an element to Hex 1E386A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E386A }
```

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

```
.background{ background-color:#1E386A }
```

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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