

Converting Colors

Hex(1E266A)

Have a look what the booklet for
Hex(1E266A) contains.

Hex(1E266A)	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>	28

Color

Hex(1E266A)

Conversions

Conversions Part 1

Format	Color
Hex	1E266A
RGB	30, 38, 106
RGB Percent	12%, 15%, 42%
CMY	0.8824, 0.8510, 0.5843
CMYK	0.72, 0.64, 0.00, 0.58
HSL	234°, 56%, 27%
HSV	234°, 72%, 42%
XYZ	3.8301, 2.7029, 13.9555
YIQ	43.3600, -26.5960, 19.4520

Conversions

Conversions Part 2

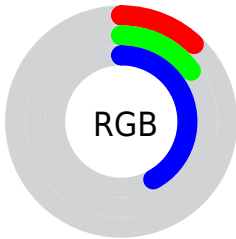
Format	Color
RYB	30, 37, 106
Decimal	1975914
CIELab	18.81, 21.37, -40.82
CIELCh	19, 46.071, 297.630
Yxy	2.7029, 0.1869, 0.1319
Android (android.graphics.Color)	4280165994 (0xFF1E266A)
YUV	43.3600, 30.8815, -11.7167
Hunter-Lab	16.4404, 12.8139, -38.8205

Details

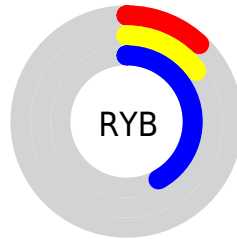
The Hex color **1E266A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A621E**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **55539E**, and **00003A** is the 20% darker color. If you saturate the color by 10%, you get **131D6A**, and if you desaturate by 10%, it is **292F6A**.

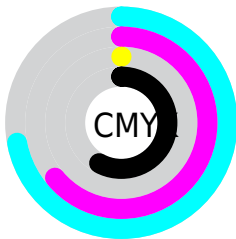
Distribution



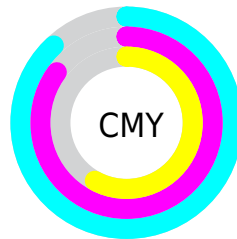
- Red (12%)
- Green (15%)
- Blue (42%)



- Red (12%)
- Yellow (15%)
- Blue (42%)



- Cyan (72%)
- Magenta (64%)
- Yellow (0%)
- Black (58%)



- Cyan (88%)
- Magenta (85%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E266A 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 1E266A by changing the saturation by 10% instead.

■ 1E266A

■ 1E266A

FFFFFF

■ 001251

■ 55539E

■ 00003A

■ 706BB9

■ 000223

■ 8B84D5

■ 00000A

■ A69EF2

■ 000000

■ C2B9FF

■ DFD5FF

■ FCF1FF

■ 1E266A

■ 1E266A

■ 131D6A

■ 292F6A

■ 09136A

■ 33396A

■ 000B6A

■ 3E426A

■ 484C6A

■ 53556A

■ 5E5F6A

■ 68686A

■ 73726A

■ 7D7B6A

Harmonies

Analogous

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



003372



1E266A



520E52

Triad

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



1E266A



551C00



003B2A

Complementary

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



1E266A



6A621E

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.



003903



1E266A



3C2C00

Square

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



1E266A



630011



1B3500



003B4C

Rectangle

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



1E266A



60003D



1B3500



003A1E

Sweetspot

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



1E266A



6B6F8A



1E6A61



333545



C4C4C4



454545

Same Dimension

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



1E266A



13208A



3B1E6A



303136



000C75



001AF5

Inverse Universe

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



6A1E26



8A1320



4D6A1E



363031



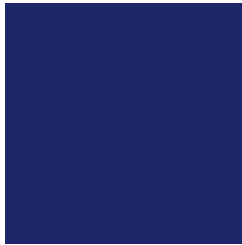
75000C



F5001A

Previews

White Background



This preview shows how the Hex color 1E266A looks on a white background.

Color Contrast Check

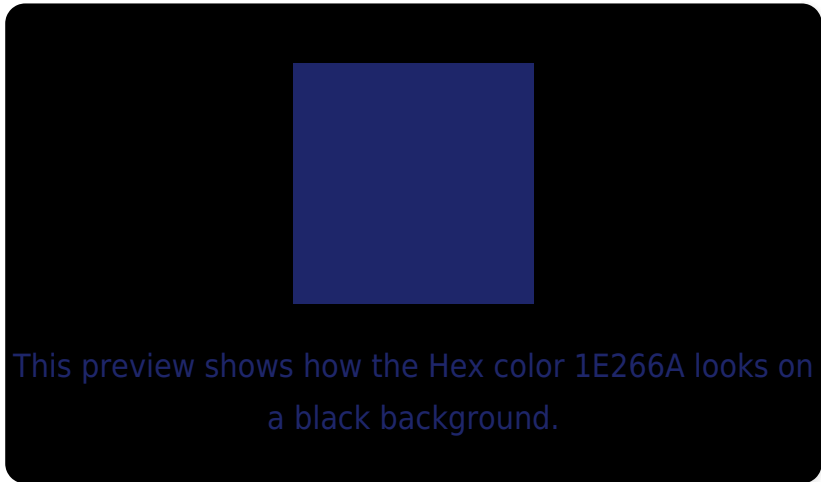
Large Text (above 18pt) WCAG AA ✓ Pass

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

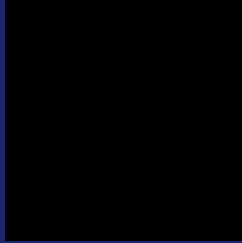
Any Text WCAG AA × Fail

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 1E266A Background



This preview shows how black text looks on a background with the Hex color 1E266A.

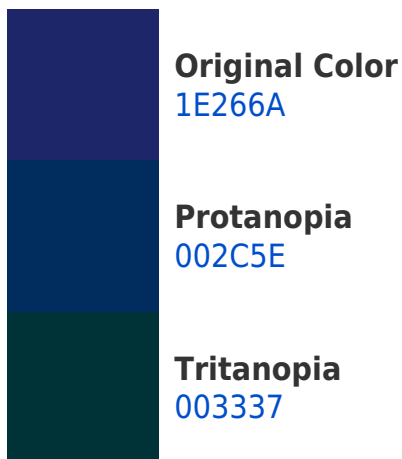


This preview shows how white text looks on a background with the Hex color 1E266A.

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



Trichromacy



Original Color

1E266A

Protanomaly

0B2A62

Tritanomaly

0B2E4A

Monochromacy



Original Color

1E266A

Achromatopsia

2B2B2B

Achromatomaly

262942

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E266A 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 #1E266A looks like.

```
.text, #text, p{  
    color:#1E266A  
}
```

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 #1E266A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E266A
}
```

Border

The CSS property to change the border of an element to Hex 1E266A 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
#1E266A }
```

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

```
.border{ border-color:#1E266A }
```

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

Here you see how a box with a 4 pixel #1E266A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E266A; -webkit-box-shadow:4px 4px  
4px 4px #1E266A; box-shadow:4px 4px 4px  
4px #1E266A }
```

Background

The CSS property to change the background color of an element to Hex 1E266A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E266A }
```

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

```
.background{ background-color:#1E266A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor