

Converting Colors

Hex(1E3C64)

Have a look what the booklet for
Hex(1E3C64) contains.

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Color

Hex(1E3C64)

Conversions

Conversions Part 1	
Format	Color
Hex	1E3C64
RGB	30, 60, 100
RGB Percent	12%, 24%, 39%
CMY	0.8824, 0.7647, 0.6078
CMYK	0.70, 0.40, 0.00, 0.61
HSL	214°, 54%, 25%
HSV	214°, 70%, 39%
XYZ	4.4515, 4.4278, 12.6766
YIQ	55.5900, -30.7200, 6.0800

Conversions

Conversions Part 2

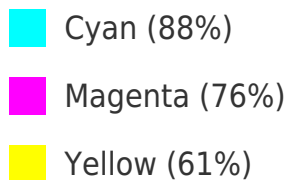
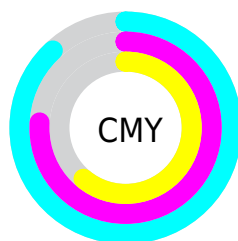
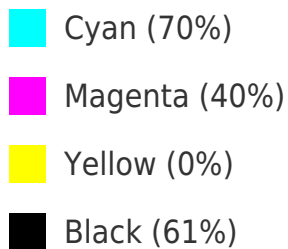
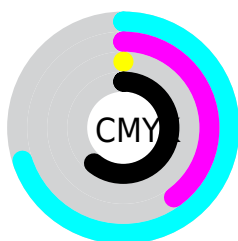
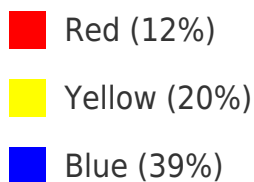
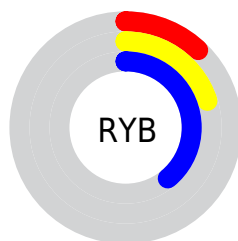
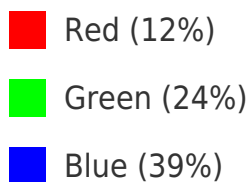
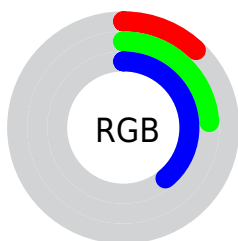
Format	Color
RYB	30, 51, 100
Decimal	1981540
CIELab	25.04, 3.34, -26.90
CIELCh	25, 27.110, 277.079
Yxy	4.4278, 0.2065, 0.2054
Android (android.graphics.Color)	4280171620 (0xFF1E3C64)
YUV	55.5900, 21.8941, -22.4424
Hunter-Lab	21.0424, 0.9375, -20.9885

Details

The Hex color **1E3C64** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **64461E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **536B97**, and **001235** is the 20% darker color. If you saturate the color by 10%, you get **143664**, and if you desaturate by 10%, it is **284264**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 1E3C64 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 1E3C64 by changing the saturation by 10% instead.

 1E3C64

 1E3C64

FFFFFF

 00274C

 536B97

 001235

 6D84B2

 00021F

 879ECE

 000003

 A2B9EA

 000000

 BED5FF

 DAF1FF

 F7FFFF

 1E3C64

 1E3C64

 143664

 284264

 0A3164

 324764

 002B64

 3C4D64

 465364

 505964

 5A5E64

 646464

 6E6A64

 786F64

Harmonies

Analogous

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



004261



1E3C64



43345C

Triad

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



1E3C64



5F2D24



0C442B

Complementary

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



1E3C64



64461E

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.



2D4119



1E3C64



543515

Square

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



1E3C64



612937



423C10



004640

Rectangle

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



1E3C64



532F52



423C10



1A4424

Sweetspot

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



1E3C64



677282



1E6446



323942



C2C2C2



424242

Same Dimension

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



1E3C64



154482



231E64



2E3033



003173



0068F2

Inverse Universe

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



641E3C



821544



5F641E



332E30



730031



F20068

Previews

White Background



This preview shows how the Hex color 1E3C64 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



This preview shows how the Hex color 1E3C64 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

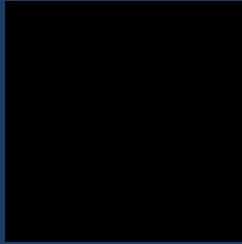
Any Text WCAG AA × Fail

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 1E3C64 Background



This preview shows how black text looks on a background with the Hex color 1E3C64.



This preview shows how white text looks on a background with the Hex color 1E3C64.

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
1E3C64

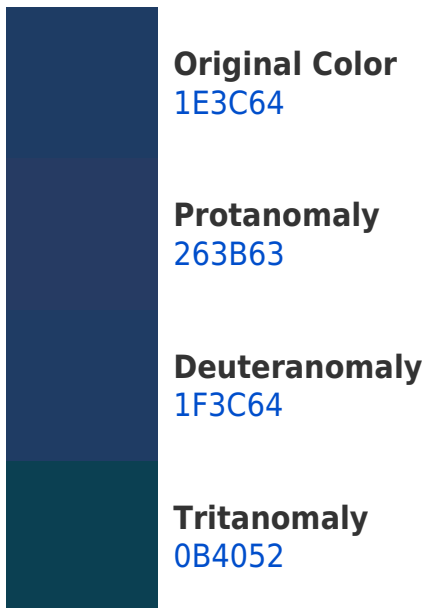
Protanopia
2B3A62

Deuteranopia
1F3C64

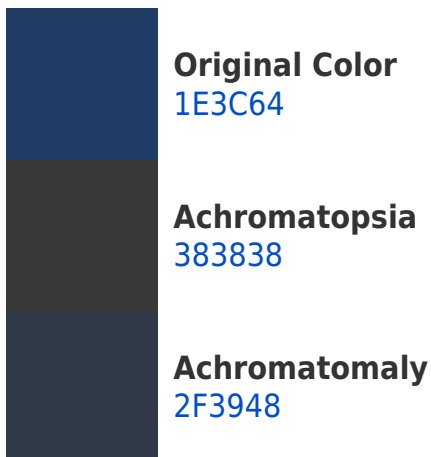


Tritanopia
004247

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3C64 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 #1E3C64 looks like.

```
.text, #text, p{  
    color:#1E3C64  
}
```

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 #1E3C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3C64
}
```

Border

The CSS property to change the border of an element to Hex 1E3C64 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
#1E3C64 }
```

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

```
.border{ border-color:#1E3C64 }
```

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

Here you see how a box with a 4 pixel #1E3C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3C64; -webkit-box-shadow:4px 4px  
4px 4px #1E3C64; box-shadow:4px 4px 4px  
4px #1E3C64 }
```

Background

The CSS property to change the background color of an element to Hex 1E3C64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3C64 }
```

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

```
.background{ background-color:#1E3C64 }
```

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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