

Converting Colors

Hex(173365)

Have a look what the booklet for
Hex(173365) contains.

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Color

Hex(173365)

Conversions

Conversions Part 1

Format	Color
Hex	173365
RGB	23, 51, 101
RGB Percent	9%, 20%, 40%
CMY	0.9098, 0.8000, 0.6039
CMYK	0.77, 0.50, 0.00, 0.60
HSL	218°, 63%, 24%
HSV	218°, 77%, 40%
XYZ	3.8861, 3.4894, 12.7806
YIQ	48.3280, -32.7380, 9.6140

Conversions

Conversions Part 2

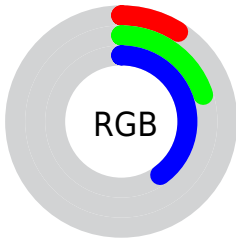
Format	Color
R_{YB}	23, 44, 101
Decimal	1520485
CIE Lab	21.91, 8.86, -32.57
CIE LCh	22, 33.754, 285.224
Yxy	3.4894, 0.1928, 0.1731
Android (android.graphics.Color)	4279710565 (0xFF173365)
YUV	48.3280, 25.9673, -22.2127
Hunter-Lab	18.6799, 4.4450, -27.4897

Details

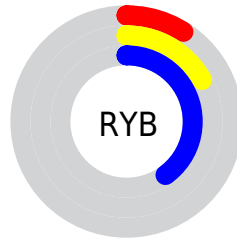
The Hex color **173365** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **654917**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **4E6198**, and **000436** is the 20% darker color. If you saturate the color by 10%, you get **0D2D65**, and if you desaturate by 10%, it is **213965**.

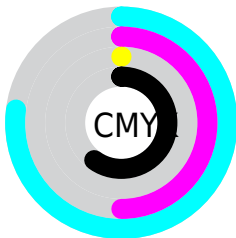
Distribution



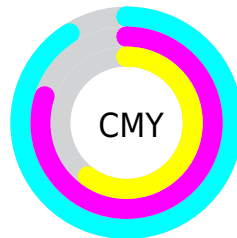
- Red (9%)
- Green (20%)
- Blue (40%)



- Red (9%)
- Yellow (17%)
- Blue (40%)



- Cyan (77%)
- Magenta (50%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173365 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 173365 by changing the saturation by 10% instead.

■ 173365

■ 173365

FFFFFF

■ 001E4D

■ 4E6198

■ 000436

■ 697AB3

■ 000220

■ 8393CF

■ 000003

■ 9EAEEB

■ 000000

■ BAC9FF

■ D7E5FF

■ F4FFFF

■ 173365

■ 173365

■ 0D2D65

■ 213965

■ 032665

■ 2B4065

■ 002465

■ 354665

■ 3F4D65

■ 4A5365

■ 545A65

■ 5E6065

■ 686765

■ 726D65

Harmonies

Analogous

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



003B65



173365



452858

Triad

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



173365



5A2412



003F27

Complementary

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



173365



654917

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.



163C0E



173365



4B2F00

Square

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



173365



611B29



353700



004041

Rectangle

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



173365



56204A



353700



003F1E

Sweetspot

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



173365



646F82



176548



303642



C2C2C2



424242

Same Dimension

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



173365



093582



211765



2E3033



002973



0057F2

Inverse Universe

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



651733



820935



5B6517



332E30



730029



F20057

Previews

White Background



This preview shows how the Hex color 173365 looks on a white background.

Color Contrast Check

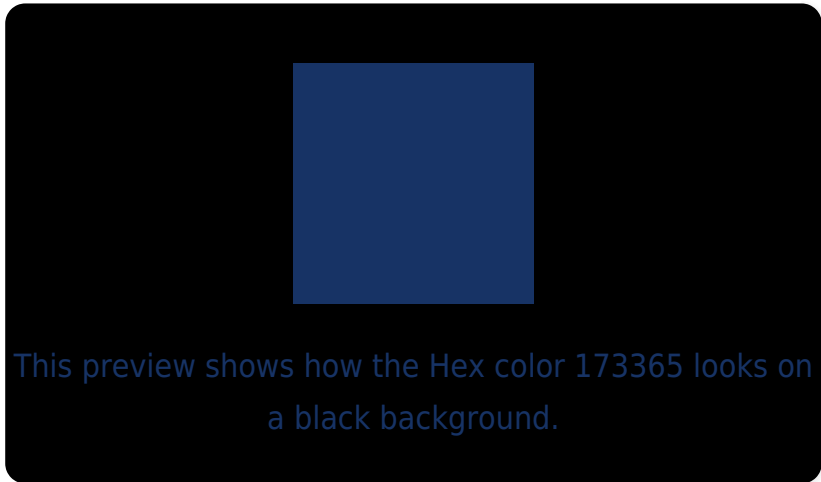
Large Text (above 18pt) WCAG AA ✓ Pass

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 173365 Background



This preview shows how black text looks on a background with the Hex color 173365.



This preview shows how white text looks on a background with the Hex color 173365.

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
173365

Protanopia
183365

Deuteranopia
00365E



Tritanopia
003A3F

Trichromacy



Original Color
173365

Protanomaly
183365

Deuteranomaly
083561

Tritanomaly
08374D

Monochromacy



Original Color
173365

Achromatopsia
303030

Achromatomaly
273143

CSS Examples

Text

The CSS property to change the color of the text to Hex 173365 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 #173365 looks like.

```
.text, #text, p{  
    color:#173365  
}
```

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 #173365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173365
}
```

Border

The CSS property to change the border of an element to Hex 173365 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
#173365 }
```

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

```
.border{ border-color:#173365 }
```

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

Here you see how a box with a 4 pixel #173365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173365; -webkit-box-shadow:4px 4px  
4px 4px #173365; box-shadow:4px 4px 4px  
4px #173365 }
```

Background

The CSS property to change the background color of an element to Hex 173365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173365 }
```

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

```
.background{ background-color:#173365 }
```

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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