

Converting Colors

Hex(172065)

Have a look what the booklet for
Hex(172065) contains.

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Color

Hex(172065)

Conversions

Conversions Part 1

Format	Color
Hex	172065
RGB	23, 32, 101
RGB Percent	9%, 13%, 40%
CMY	0.9098, 0.8745, 0.6039
CMYK	0.77, 0.68, 0.00, 0.60
HSL	233°, 63%, 24%
HSV	233°, 77%, 40%
XYZ	3.2188, 2.1548, 12.5582
YIQ	37.1750, -27.5130, 19.5510

Conversions

Conversions Part 2

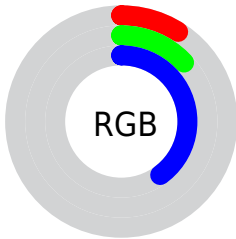
Format	Color
R_{YB}	23, 31, 101
Decimal	1515621
CIE _{Lab}	16.28, 22.63, -41.70
CIE _{LCh}	16, 47.445, 298.490
Yxy	2.1548, 0.1795, 0.1202
Android (android.graphics.Color)	4279705701 (0xFF172065)
YUV	37.1750, 31.4657, -12.4315
Hunter-Lab	14.6791, 13.4528, -40.4480

Details

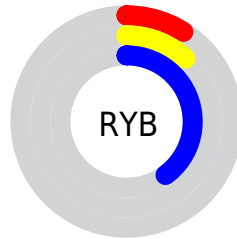
The Hex color **172065** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **655C17**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **504C99**, and **000035** is the 20% darker color. If you saturate the color by 10%, you get **0D1765**, and if you desaturate by 10%, it is **212965**.

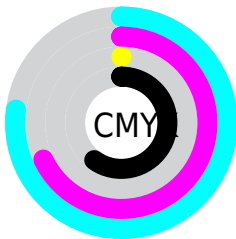
Distribution



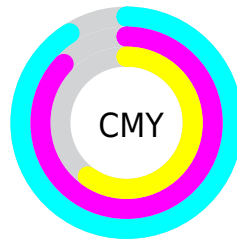
- Red (9%)
- Green (13%)
- Blue (40%)



- Red (9%)
- Yellow (12%)
- Blue (40%)



- Cyan (77%)
- Magenta (68%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (87%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172065 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 172065 by changing the saturation by 10% instead.

■ 172065

■ 172065

FFFFFF

■ 000C4D

■ 504C99

■ 000035

■ 6A64B4

■ 00021F

■ 857DD0

■ 000002

■ A197EC

■ 000000

■ BDB2FF

■ D9CDFF

■ F6E9FF

■ 172065

■ 172065

■ 0D1765

■ 212965

■ 030E65

■ 2B3265

■ 000C65

■ 353B65

■ 3F4465

■ 4A4D65

■ 545665

■ 5E5F65

■ 686765

■ 727065

Harmonies

Analogous

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



002E6D



172065



4D024C

Triad

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



172065



4E1600



003526

Complementary

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



172065



655C17

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.



003300



172065



352700

Square

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



172065



5E0007



122F00



003648

Rectangle

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



172065



5B0037



122F00



00351A

Sweetspot

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



172065



646882



17655C



303242



C2C2C2



424242

Same Dimension

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



172065



091782



351765



2E2E33



000D73



001CF2

Inverse Universe

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



651720



820917



476517



332E2E



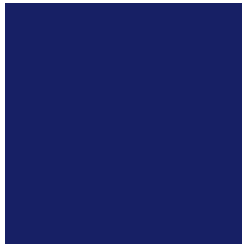
73000D



F2001C

Previews

White Background



This preview shows how the Hex color 172065 looks on a white background.

Color Contrast Check

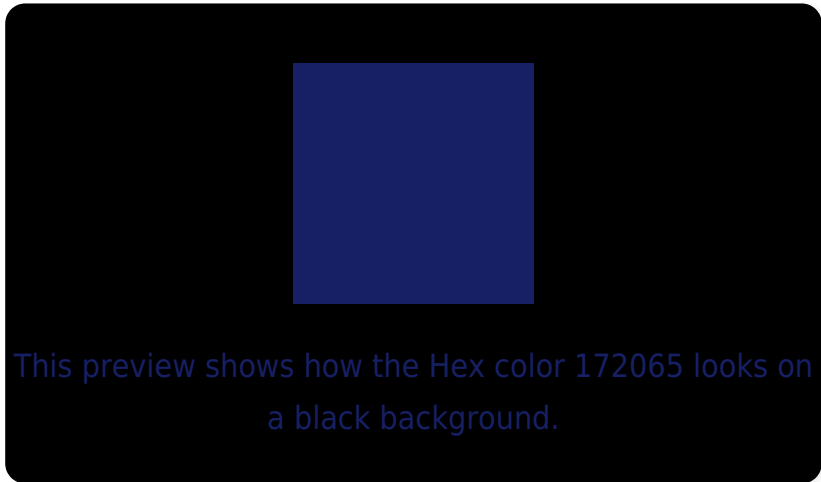
Large Text (above 18pt) WCAG AA ✓ Pass

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

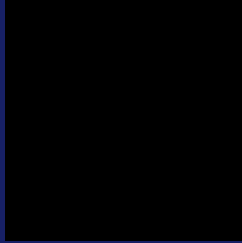
Any Text WCAG AA × Fail

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 172065 Background



This preview shows how black text looks on a background with the Hex color 172065.



This preview shows how white text looks on a background with the Hex color 172065.

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

172065

Protanopia

002753

Tritanopia

002D30

Trichromacy



Original Color
172065

Protanomaly
08245A

Tritanomaly
082843

Monochromacy



Original Color
172065

Achromatopsia
252525

Achromatomaly
20233C

CSS Examples

Text

The CSS property to change the color of the text to Hex 172065 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 #172065 looks like.

```
.text, #text, p{  
    color:#172065  
}
```

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 #172065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172065
}
```

Border

The CSS property to change the border of an element to Hex 172065 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
#172065 }
```

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

```
.border{ border-color:#172065 }
```

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

Here you see how a box with a 4 pixel #172065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172065; -webkit-box-shadow:4px 4px  
4px 4px #172065; box-shadow:4px 4px 4px  
4px #172065 }
```

Background

The CSS property to change the background color of an element to Hex 172065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172065 }
```

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

```
.background{ background-color:#172065 }
```

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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