

Converting Colors

Hex(170164)

Have a look what the booklet for
Hex(170164) contains.

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Color

Hex(170164)

Conversions

Conversions Part 1

Format	Color
Hex	170164
RGB	23, 1, 100
RGB Percent	9%, 0%, 39%
CMY	0.9098, 0.9961, 0.6078
CMYK	0.77, 0.99, 0.00, 0.61
HSL	253°, 98%, 20%
HSV	253°, 99%, 39%
XYZ	2.6645, 1.1240, 12.1331
YIQ	18.8640, -18.6670, 35.4530

Conversions

Conversions Part 2

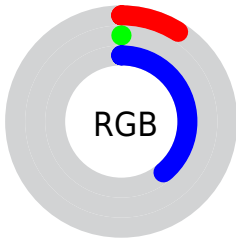
Format	Color
R_{YB}	23, 1, 100
Decimal	1507684
CIE Lab	9.98, 39.89, -51.44
CIE LCh	10, 65.095, 307.790
Yxy	1.1240, 0.1673, 0.0706
Android (android.graphics.Color)	4279697764 (0xFF170164)
YUV	18.8640, 40.0000, 3.6273
Hunter-Lab	10.6017, 26.3081, -60.4330

Details

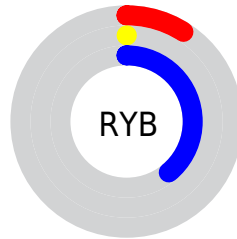
The Hex color **170164** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4E6401**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **523098**, and **000434** is the 20% darker color. If you saturate the color by 10%, you get **160064**, and if you desaturate by 10%, it is **1F0B64**.

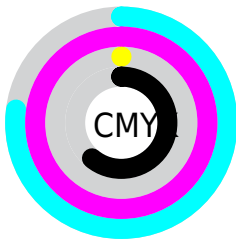
Distribution



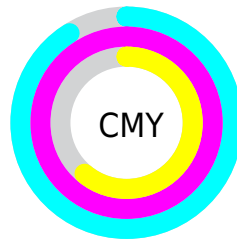
- Red (9%)
- Green (0%)
- Blue (39%)



- Red (9%)
- Yellow (0%)
- Blue (39%)



- Cyan (77%)
- Magenta (99%)
- Yellow (0%)
- Black (61%)



- Cyan (91%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170164 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 170164 by changing the saturation by 10% instead.

 170164

 170164

 FFE8FF

 00004C

 523098

 000434

 6E48B3

 00021E

 8961CF

 000000

 A57AEC

 C295FF

 DFB0FF

 FCCBFF

 170164

 170164

■ 160064

■ 1F0B64

■ 271564

■ 2E1F64

■ 362964

■ 3E3364

■ 463D64

■ 4D4764

■ 555164

■ 5D5B64

Harmonies

Analogous

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



002178



170164



53003E

Triad

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



170164



3C0800



002927

Complementary

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



170164



4E6401

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.



002800



170164



191E00

Square

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



170164



550000



002700



002B52

Rectangle

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



170164



5E0021



002700



002817

Sweetspot

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



170164



645B82



014F64



302A42



C2C2C2



424242

Same Dimension

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



170164



1D0082



480164



2F2E33



1A0073



3600F2

Inverse Universe

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



64014E



820065



1D6401



332E32



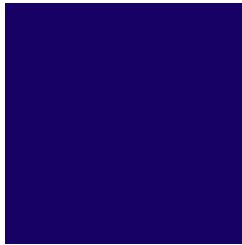
730059



F200BC

Previews

White Background



This preview shows how the Hex color 170164 looks on a white background.

Color Contrast Check

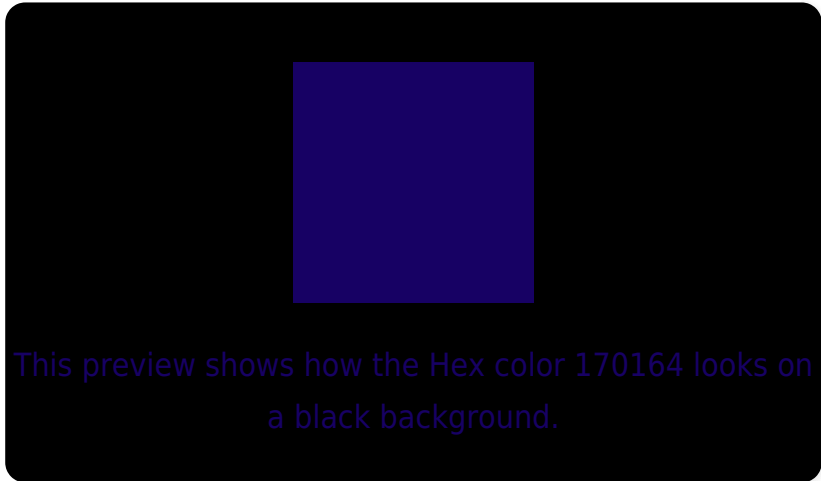
Large Text (above 18pt) WCAG AA ✓ Pass

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

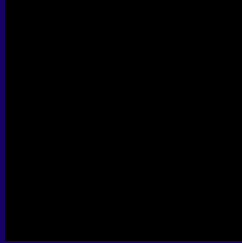
Any Text WCAG AA × Fail

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 170164 Background



This preview shows how black text looks on a background with the Hex color 170164.



This preview shows how white text looks on a background with the Hex color 170164.

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
170164

Protanopia
001F41

Deuteranopia
002137

Trichromacy



Original Color
170164

Protanomaly
08144E

Deuteranomaly
081547

Tritanomaly
08173C

Monochromacy



Original Color
170164

Achromatopsia
131313

Achromatomaly
140C30

CSS Examples

Text

The CSS property to change the color of the text to Hex 170164 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 #170164 looks like.

```
.text, #text, p{  
    color:#170164  
}
```

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 #170164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170164
}
```

Border

The CSS property to change the border of an element to Hex 170164 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
#170164 }
```

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

```
.border{ border-color:#170164 }
```

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

Here you see how a box with a 4 pixel #170164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170164; -webkit-box-shadow:4px 4px  
4px 4px #170164; box-shadow:4px 4px 4px  
4px #170164 }
```

Background

The CSS property to change the background color of an element to Hex 170164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170164 }
```

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

```
.background{ background-color:#170164 }
```

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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