

Converting Colors

Hex(180266)

Have a look what the booklet for
Hex(180266) contains.

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Color

Hex(180266)

Conversions

Conversions Part 1

Format	Color
Hex	180266
RGB	24, 2, 102
RGB Percent	9%, 1%, 40%
CMY	0.9059, 0.9922, 0.6000
CMYK	0.76, 0.98, 0.00, 0.60
HSL	253°, 96%, 20%
HSV	253°, 98%, 40%
XYZ	2.7967, 1.1969, 12.6540
YIQ	19.9780, -18.9880, 35.7640

Conversions

Conversions Part 2

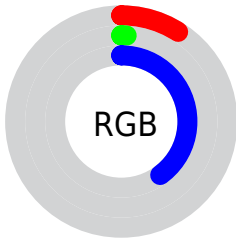
Format	Color
R _Y B	24, 2, 102
Decimal	1573478
CIE Lab	10.53, 39.99, -51.85
CIE LCh	11, 65.480, 307.639
Yxy	1.1969, 0.1680, 0.0719
Android (android.graphics.Color)	4279763558 (0xFF180266)
YUV	19.9780, 40.4368, 3.5273
Hunter-Lab	10.9404, 26.4841, -60.9186

Details

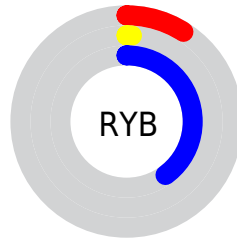
The Hex color **180266** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **506602**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **53329A**, and **000535** is the 20% darker color. If you saturate the color by 10%, you get **160066**, and if you desaturate by 10%, it is **200C66**.

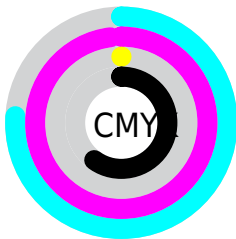
Distribution



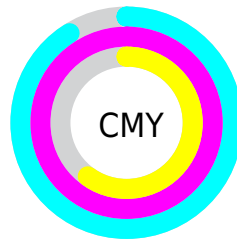
- Red (9%)
- Green (1%)
- Blue (40%)



- Red (9%)
- Yellow (1%)
- Blue (40%)



- Cyan (76%)
- Magenta (98%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (99%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180266 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 180266 by changing the saturation by 10% instead.

 180266

 180266


 FFE9FF

 00004D

 53329A

 000535

 6F4AB6

 00021F

 8A62D2

 000003

 A77CEE

 000000

 C396FF

 E0B1FF

 FECDFE

 180266

 180266

■ 160066

■ 200C66

■ 281666

■ 302166

■ 382B66

■ 403566

■ 483F66

■ 504966

■ 585466

■ 605E66

Harmonies

Analogous

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



00227A



180266



540040

Triad

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



180266



3E0800



002A28

Complementary

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



180266



506602

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.



002900



180266



1B1F00

Square

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



180266



570000



002800



002D54

Rectangle

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



180266



600022



002800



002A18

Sweetspot

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



180266



675E85



025066



302B42



C2C2C2



424242

Same Dimension

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



180266



1D0085



4A0266



2F2E33



190073



3500F2

Inverse Universe

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



660250



850067



1E6602



332E32



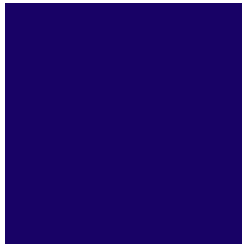
73005A



F200BD

Previews

White Background



This preview shows how the Hex color 180266 looks on a white background.

Color Contrast Check

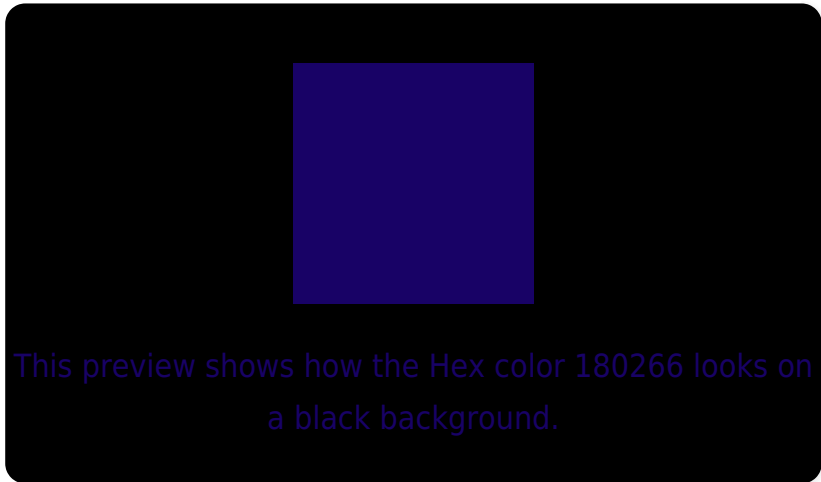
Large Text (above 18pt) WCAG AA ✓ Pass

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

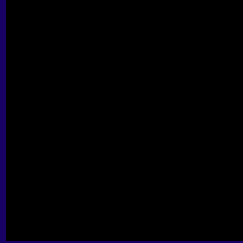
Any Text WCAG AA × Fail

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 180266 Background



This preview shows how black text looks on a background with the Hex color 180266.



This preview shows how white text looks on a background with the Hex color 180266.

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
180266

Protanopia
001F42

Deuteranopia
002238

Trichromacy



Original Color
180266

Protanomaly
09144F

Deuteranomaly
091649

Tritanomaly
09183D

Monochromacy



Original Color
180266

Achromatopsia
141414

Achromatomaly
150D32

CSS Examples

Text

The CSS property to change the color of the text to Hex 180266 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 #180266 looks like.

```
.text, #text, p{  
    color:#180266  
}
```

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 #180266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180266  
}
```

Border

The CSS property to change the border of an element to Hex 180266 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  
#180266 }
```

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

```
.border{ border-color:#180266 }
```

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

Here you see how a box with a 4 pixel #180266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180266; -webkit-box-shadow:4px 4px  
4px 4px #180266; box-shadow:4px 4px 4px  
4px #180266 }
```

Background

The CSS property to change the background color of an element to Hex 180266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180266 }
```

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

```
.background{ background-color:#180266 }
```

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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