

Converting Colors

Hex(181C65)

Have a look what the booklet for
Hex(181C65) contains.

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Color

Hex(181C65)

Conversions

Conversions Part 1

Format	Color
Hex	181C65
RGB	24, 28, 101
RGB Percent	9%, 11%, 40%
CMY	0.9059, 0.8902, 0.6039
CMYK	0.76, 0.72, 0.00, 0.60
HSL	237°, 62%, 25%
HSV	237°, 76%, 40%
XYZ	3.1409, 1.9643, 12.5255
YIQ	35.1260, -25.8170, 21.8550

Conversions

Conversions Part 2

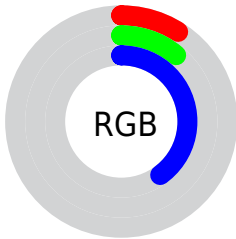
Format	Color
R_{YB}	24, 28, 101
Decimal	1580133
CIE _{Lab}	15.30, 25.54, -43.31
CIE _{LCh}	15, 50.278, 300.533
Yxy	1.9643, 0.1781, 0.1114
Android (android.graphics.Color)	4279770213 (0xFF181C65)
YUV	35.1260, 32.4759, -9.7575
Hunter-Lab	14.0153, 15.4761, -43.1770




Details

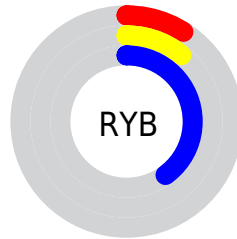
The Hex color **181C65** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **656118**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **514899**, and **000035** is the 20% darker color. If you saturate the color by 10%, you get **0E1265**, and if you desaturate by 10%, it is **222665**.

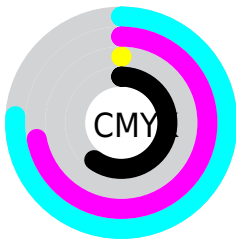
Distribution







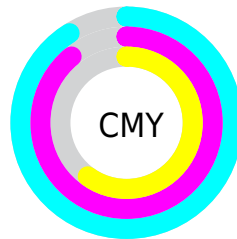
-  Red (9%)
-  Green (11%)
-  Blue (40%)






-  Red (9%)
-  Yellow (11%)
-  Blue (40%)



-  Cyan (76%)
-  Magenta (72%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (91%)
-  Magenta (89%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 181C65 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 181C65 by changing the saturation by 10% instead.

■ 181C65

■ 181C65

FFFFFF

■ 00074C

■ 514899

■ 000035

■ 6B60B4

■ 00021F

■ 8679D0

■ 000002

■ A292EC

■ 000000

■ BEADFF

■ DBC8FF

■ F8E5FF

■ 181C65

■ 181C65

■ 0E1265

■ 222665

■ 040965

■ 2C2F65

■ 000565

■ 363965

■ 404265

■ 4B4C65

■ 555565

■ 5F5F65

■ 696965

■ 737265

Harmonies

Analogous

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



002C6F



181C65



4F004A

Triad

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



181C65



4B1400



003426

Complementary

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



181C65



656118

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.



003200



181C65



302600

Square

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



181C65



5D0000



072E00



00344A

Rectangle

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



181C65



5C0033



072E00



003319

Sweetspot

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



181C65



646682



186560



303142



C2C2C2



424242

Same Dimension

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



181C65



0C1282



391865



2E2E33



000673



000DF2

Inverse Universe

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



65181C



820C12



446518



332E2E



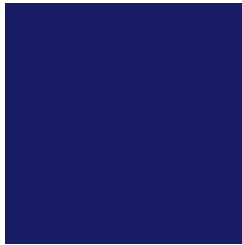
730006



F2000D

Previews

White Background



This preview shows how the Hex color 181C65 looks on a white background.

Color Contrast Check

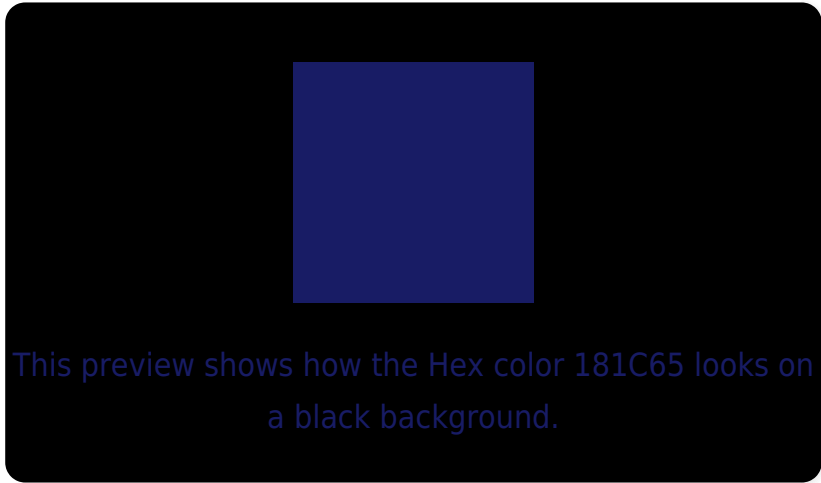
Large Text (above 18pt) WCAG AA ✓ Pass

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

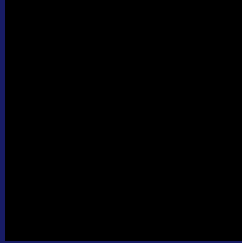
Any Text WCAG AA × Fail

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 181C65 Background



This preview shows how black text looks on a background with the Hex color 181C65.



This preview shows how white text looks on a background with the Hex color 181C65.

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
181C65

Protanopia
00264F

Deuteranopia
002844



Tritanopia
002B2E

Trichromacy



Original Color
181C65

Protanomaly
092257

Deuteranomaly
092450

Tritanomaly
092642

Monochromacy



Original Color
181C65

Achromatopsia
232323

Achromatomaly
1F203B

CSS Examples

Text

The CSS property to change the color of the text to Hex 181C65 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 #181C65 looks like.

```
.text, #text, p{  
    color:#181C65  
}
```

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 #181C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #181C65
}
```

Border

The CSS property to change the border of an element to Hex 181C65 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
#181C65 }
```

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

```
.border{ border-color:#181C65 }
```

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

Here you see how a box with a 4 pixel #181C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #181C65; -webkit-box-shadow:4px 4px  
4px 4px #181C65; box-shadow:4px 4px 4px  
4px #181C65 }
```

Background

The CSS property to change the background color of an element to Hex 181C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#181C65 }
```

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

```
.background{ background-color:#181C65 }
```

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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