

Converting Colors

Hex(140161)

Have a look what the booklet for
Hex(140161) contains.

Hex(140161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(140161)

Conversions

Conversions Part 1

Format	Color
Hex	140161
RGB	20, 1, 97
RGB Percent	8%, 0%, 38%
CMY	0.9216, 0.9961, 0.6196
CMYK	0.79, 0.99, 0.00, 0.62
HSL	252°, 98%, 19%
HSV	252°, 99%, 38%
XYZ	2.4570, 1.0335, 11.3792
YIQ	17.6250, -19.4920, 33.8840

Conversions

Conversions Part 2

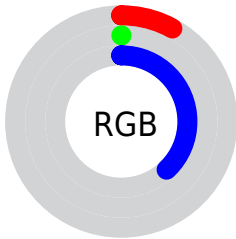
Format	Color
R _Y B	20, 1, 97
Decimal	1311073
CIE Lab	9.27, 38.93, -50.64
CIE LCh	9, 63.876, 307.550
Yxy	1.0335, 0.1652, 0.0695
Android (android.graphics.Color)	4279501153 (0xFF140161)
YUV	17.6250, 39.1319, 2.0829
Hunter-Lab	10.1661, 25.3504, -59.2489

Details

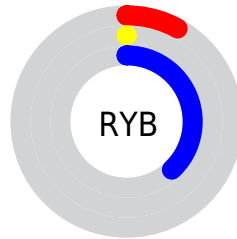
The Hex color **140161** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4E6101**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **503095**, and **000431** is the 20% darker color. If you saturate the color by 10%, you get **130061**, and if you desaturate by 10%, it is **1C0B61**.

Distribution



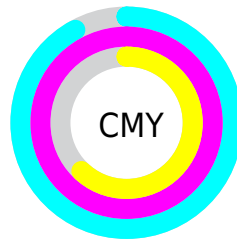
- Red (8%)
- Green (0%)
- Blue (38%)



- Red (8%)
- Yellow (0%)
- Blue (38%)



- Cyan (79%)
- Magenta (99%)
- Yellow (0%)
- Black (62%)



- Cyan (92%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 140161 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 140161 by changing the saturation by 10% instead.

 140161

 140161

 FFE6FF


 000049

 503095

 000431

 6B47B0

 00011B

 8760CC

 000000

 A279E8

 BF93FF

 DCAEFF

 F9CAFF

 140161

 140161

■ 130061

■ 1C0B61

■ 241461

■ 2B1E61

■ 332861

■ 3B3161

■ 433B61

■ 4A4561

■ 524F61

■ 5A5861

Harmonies

Analogous

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



002074



140161



50003C

Triad

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



140161



3A0600



002725

Complementary

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



140161



4E6101

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.



002600



140161



181C00

Square

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



140161



520000



002600



00294F

Rectangle

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



140161



5B0020



002600



002615

Sweetspot

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



140161



5F577D



014F61



2D2940



BFBFBF



404040

Same Dimension

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



140161



19007D



430161



2D2C30



160070



2F00F0

Inverse Universe

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



61014E



7D0064



1F6101



302C2F



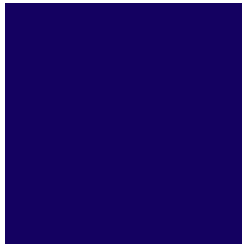
70005A



F000C0

Previews

White Background



This preview shows how the Hex color 140161 looks on a white background.

Color Contrast Check

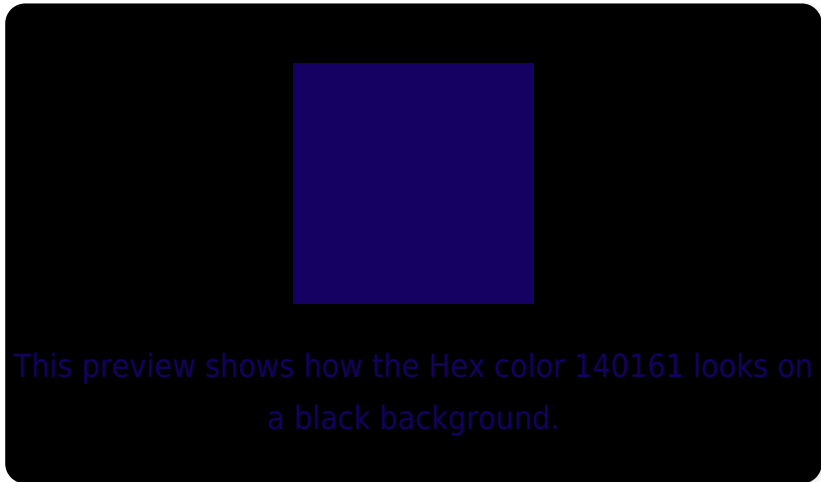
Large Text (above 18pt) WCAG AA ✓ Pass

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

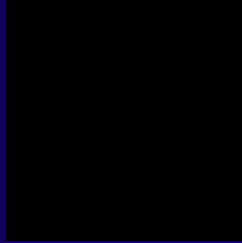
Any Text WCAG AA × Fail

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 140161 Background



This preview shows how black text looks on a background with the Hex color 140161.



This preview shows how white text looks on a background with the Hex color 140161.

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
140161

Protanopia
001E3E

Deuteranopia
002035

Trichromacy



Original Color
140161

Protanomaly
07134B

Deuteranomaly
071545

Tritanomaly
07163A

Monochromacy



Original Color
140161

Achromatopsia
121212

Achromatomaly
130C2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 140161 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 #140161 looks like.

```
.text, #text, p{  
    color:#140161  
}
```

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 #140161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #140161
}
```

Border

The CSS property to change the border of an element to Hex 140161 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
#140161 }
```

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

```
.border{ border-color:#140161 }
```

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

Here you see how a box with a 4 pixel #140161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #140161; -webkit-box-shadow:4px 4px  
4px 4px #140161; box-shadow:4px 4px 4px  
4px #140161 }
```

Background

The CSS property to change the background color of an element to Hex 140161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#140161 }
```

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

```
.background{ background-color:#140161 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor