Converting Colors

Hex(146070)
Have a look what the booklet for Hex(146070) contains.

Hex(146070) ................................................................. 3
Conversions ................................................................. 4
Details ........................................................................ 6
Harmonies ................................................................. 11
Previews ................................................................. 18
Color Blindness Simulation ........................................ 21
CSS Examples .......................................................... 24
Color

Hex(146070)
## Conversions

### Conversions Part 1

<table>
<thead>
<tr>
<th>Format</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hex</td>
<td>146070</td>
</tr>
<tr>
<td>RGB</td>
<td>20, 96, 112</td>
</tr>
<tr>
<td>RGB Percent</td>
<td>8%, 38%, 44%</td>
</tr>
<tr>
<td>CMY</td>
<td>0.9216, 0.6235, 0.5608</td>
</tr>
<tr>
<td>CMYK</td>
<td>0.82, 0.14, 0.00, 0.56</td>
</tr>
<tr>
<td>HSL</td>
<td>190°, 70%, 26%</td>
</tr>
<tr>
<td>HSV</td>
<td>190°, 82%, 44%</td>
</tr>
<tr>
<td>XYZ</td>
<td>7.3960, 9.6843, 16.8087</td>
</tr>
<tr>
<td>YIQ</td>
<td>75.1000, -50.4320, -11.1360</td>
</tr>
</tbody>
</table>
## Conversions Part 2

<table>
<thead>
<tr>
<th>Format</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>RYB</td>
<td>20, 62, 112</td>
</tr>
<tr>
<td>Decimal</td>
<td>1335408</td>
</tr>
<tr>
<td>CIELab</td>
<td>37.27, -16.15, -15.44</td>
</tr>
<tr>
<td>CIELCh</td>
<td>37, 22.345, 223.724</td>
</tr>
<tr>
<td>Yxy</td>
<td>9.6843, 0.2182, 0.2858</td>
</tr>
<tr>
<td>Android (android.graphics.Color)</td>
<td>4279525488 (0xFF146070)</td>
</tr>
<tr>
<td>YUV</td>
<td>75.1000, 18.1917, -48.3227</td>
</tr>
<tr>
<td>Hunter-Lab</td>
<td>31.1196, -12.0365, -10.2406</td>
</tr>
</tbody>
</table>
The Hex color \(146070\) is a dark color, and the websafe version is hex \(336666\). A complement of this color would be \(702414\), and the grayscale version is \(4B4B4B\).

A 20% lighter version of the original color is \(5193A4\), and \(003140\) is the 20% darker color. If you saturate the color by 10%, you get \(095E70\), and if you desaturate by 10%, it is \(1F6270\).
Distribution

**RGB**
- Red (8%)
- Green (38%)
- Blue (44%)

**RYB**
- Red (8%)
- Yellow (24%)
- Blue (44%)

**CMY**
- Cyan (82%)
- Magenta (14%)
- Yellow (0%)
- Black (56%)

**CMY**
- Cyan (92%)
- Magenta (62%)
- Yellow (56%)
Brightness & Saturation

Gradients

These gradients show how the Hex color 146070 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 146070 by changing the saturation by 10% instead.
Harmonies

Analogous

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

1A6160

146070

2E5C7A
**Triad**

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

- Color 1: 146070
- Color 2: 754B62
- Color 3: 5C5934
Complementary

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

146070
702414
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.

6C5335

146070

7B4A50
Square

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

146070

645072

784D40

475E3D
Rectangle

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

- 146070
- 42597B
- 784D40
- 625733
Sweetspot

The sweet spot groups the original color and five complimentary colors.

146070

6D8B91

147023

34464A

C9C9C9

4A4A4A
White Background

This preview shows how the Hex color 146070 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

This preview shows how the Hex color 146070 looks on a 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 146070 Background

This preview shows how black text looks on a background with the Hex color 146070.

This preview shows how white text looks on a background with the Hex color 146070.
Color blindness 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**

<table>
<thead>
<tr>
<th>Original Color</th>
<th>Protanopia</th>
<th>Deuteranopia</th>
</tr>
</thead>
<tbody>
<tr>
<td>146070</td>
<td>535769</td>
<td>515672</td>
</tr>
</tbody>
</table>
Trichromacy

Original Color
146070

Protanomaly
3C5A6C

Deuteranomaly
3B5A71

Tritanomaly
0D616C

Monochromacy

Original Color
146070

Achromatopsia
4B4B4B

Achromatomaly
375358
The CSS property to change the color of the text to Hex 146070 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 #146070 looks like.

```css
.text, #text, p{
  color: #146070
}
```
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 #146070 colored shadow looks like.

```css
.shadow { text-shadow: 4px 4px 2px #146070 }
```

**Border**

The CSS property to change the border of an element to Hex 146070 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".

```css
.border, #border, table { border: 4px solid #146070 }
```
If only the border color should be changed use the property border-color.

```css
.border{ border-color:#146070 }
```

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

```css
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #146070; -webkit-box-shadow:4px 4px 4px 4px #146070; box-shadow:4px 4px 4px 4px #146070 }
```

Here you see how a box with a 4 pixel #146070 colored shadow looks like.
Background

The CSS property to change the background color of an element to Hex 146070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```css
.background, #background, body{
  background:#146070
}
```

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

```css
.background{ background-color:#146070 }
```

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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