

Converting Colors

Hex(160214)

Have a look what the booklet for
Hex(160214) contains.

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Color

Hex(160214)

Conversions

Conversions Part 1

Format	Color
Hex	160214
RGB	22, 2, 20
RGB Percent	9%, 1%, 8%
CMY	0.9137, 0.9922, 0.9216
CMYK	0.00, 0.91, 0.09, 0.91
HSL	306°, 83%, 5%
HSV	306°, 91%, 9%
XYZ	0.4789, 0.2645, 0.6876
YIQ	10.0320, 6.1420, 9.8380

Conversions

Conversions Part 2

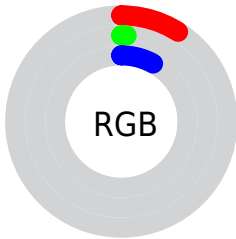
Format	Color
RYB	22, 2, 20
Decimal	1442324
CIELab	2.39, 9.32, -5.72
CIELCh	2, 10.931, 328.471
Yxy	0.2645, 0.3346, 0.1848
Android (android.graphics.Color)	4279632404 (0xFF160214)
YUV	10.0320, 4.9142, 10.4959
Hunter-Lab	5.1429, 7.6198, -4.3273

Details

The Hex color **160214** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **021604**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **40313E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **160014**, and if you desaturate by 10%, it is **160414**.

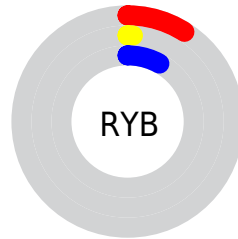
Distribution



Red (9%)

Green (1%)

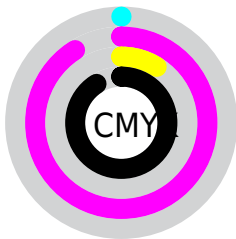
Blue (8%)



Red (9%)

Yellow (1%)

Blue (8%)

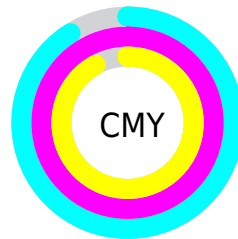


Cyan (0%)

Magenta (91%)

Yellow (9%)

Black (91%)



Cyan (91%)

Magenta (99%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 160214 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 160214 by changing the saturation by 10% instead.

■ 160214

■ 160214

■ F7E4F4

■ 000000

■ 40313E

■ 574855

■ 6F5F6E

■ 897887

■ A392A1

■ BEACBC

■ DAC8D8

■ 160214

■ 160214

■ 160014

■ 160414

■ 160614

■ 160915

■ 160B15

■ 160D15

■ 160F15

■ 161116

■ 161416

■ 161616

Harmonies

Analogous

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



0B0619



160214



1B000A

Triad

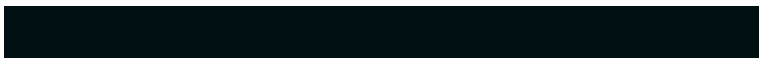
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



160214



0E0800



001013

Complementary

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



160214



021604

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.



001008



160214



000C00

Square

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



160214



170400



000F00



000E19

Rectangle

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



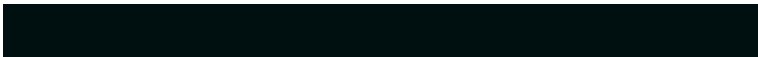
160214



1D0001



000F00



001010

Sweetspot

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



160214



1C141B



040216



0F0A0F



8F8F8F



0F0F0F

Same Dimension

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



160214



1C0019



16020A



0A090A



4A0043



C900B5

Inverse Universe

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



160214



1C0019



02160E



0A090A



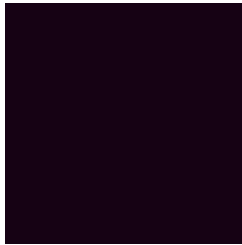
4A0043



C900B5

Previews

White Background



This preview shows how the Hex color 160214 looks on a white background.

Color Contrast Check

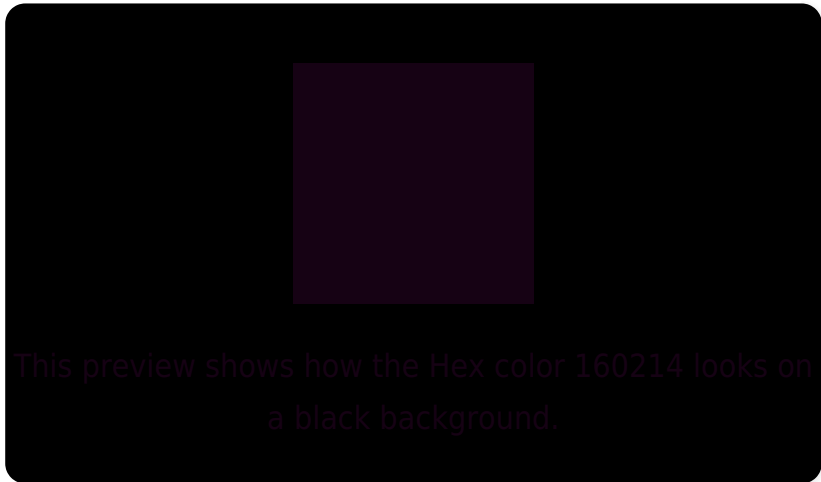
Large Text (above 18pt) WCAG AA ✓ Pass

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

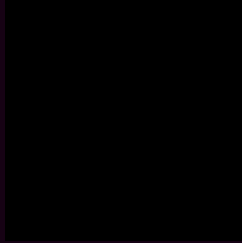
Any Text WCAG AA × Fail

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 160214 Background



This preview shows how black text looks on a background with the Hex color 160214.



This preview shows how white text looks on a background with the Hex color 160214.

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
160214

Protanopia
000C19

Deuteranopia
090C13



Tritanopia
150809

Trichromacy



Original Color
160214

Protanomaly
080817

Deuteranomaly
0E0813

Tritanomaly
15060D

Monochromacy



Original Color
160214

Achromatopsia
0A0A0A

Achromatomaly
0E070E

CSS Examples

Text

The CSS property to change the color of the text to Hex 160214 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 #160214 looks like.

```
.text, #text, p{  
    color:#160214  
}
```

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 #160214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160214
}
```

Border

The CSS property to change the border of an element to Hex 160214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

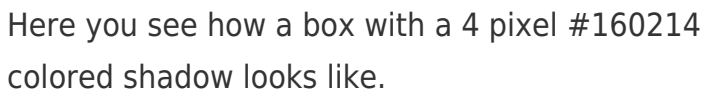
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#160214 }
```

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

```
.border{ border-color:#160214 }
```

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



Here you see how a box with a 4 pixel #160214 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160214; -webkit-box-shadow:4px 4px  
4px 4px #160214; box-shadow:4px 4px 4px  
4px #160214 }
```

Background

The CSS property to change the background color of an element to Hex 160214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160214 }
```

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

```
.background{ background-color:#160214 }
```

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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