Converting Colors

Hex(162310)

Have a look what the booklet for Hex(162310) contains.

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Color

Hex(162310)

Conversions

Conversions Part 1

Format	Color
Hex	162310
RGB	22, 35, 16
RGB Percent	9%, 14%, 6%
CMY	0.9137, 0.8627, 0.9373
CMYK	0.37, 0.00, 0.54, 0.86
HSL	101°, 37%, 10%
HSV	101°, 54%, 14%
XYZ	1.0254, 1.4100, 0.7083
YIQ	28.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

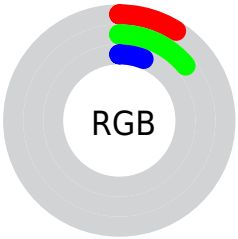
Format	Color
RYB	16, 35, 29
Decimal	1450768
CIELab	12.02, -10.31, 10.60
CIELCh	12, 14.789, 134.211
Yxy	1.4100, 0.3262, 0.4485
Android (android.graphics.Color)	4279640848 (0xFF162310)
YUV	28.9470, -6.3829, -6.0925
Hunter-Lab	11.8745, -5.3659, 4.7755

Details

The Hex color 162310 is a dark color, and the websafe version is hex 003333. A complement of this color would be 1D1023, and the grayscale version is 1D1D1D.

A 20% lighter version of the original color is 414F3A, and 000000 is the 20% darker color. If you saturate the color by 10%, you get 14230D, and if you desaturate by 10%, it is 182314.

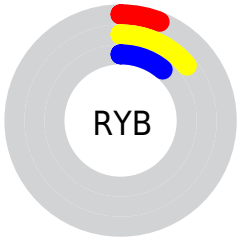
Distribution



Red (9%)

Green (14%)

Blue (6%)



Red (6%)

Yellow (14%)

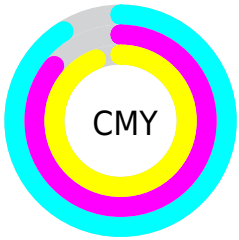
Blue (11%)

Cyan (37%)

Magenta (0%)

Yellow (54%)

Black (86%)



Cyan (91%)

Magenta (86%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162310 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 162310 by changing the saturation by 10% instead.

162310	162310
F9FFF0	000D00
414F3A	000000
596851	
71816A	
8B9B83	
A5B69D	
C0D1B8	
DCEDD3	

162310	162310

14230D

112309

0F2305

0C2302

0B2300

182314

1B2317

1D231B

20231E

222322

242325

272329

29232C

2C2330

Harmonies

Analogous

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

222008

162310

07241A

Triad

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

162310

032233

33171B

Complementary

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

162310

1D1023

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.

301825

162310

181F33

Square

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

162310

00242D

271B2E

311A11

Rectangle

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

162310

002521

271B2E

33171E

Sweetspot

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

162310

292E27

231D10

141713

969696

171717

Same Dimension

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

162310

192E10

102313

111210

1A5200

42D100

Inverse Universe

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

1D1023

24102E

231020

111012

380052

8F00D1

Previews

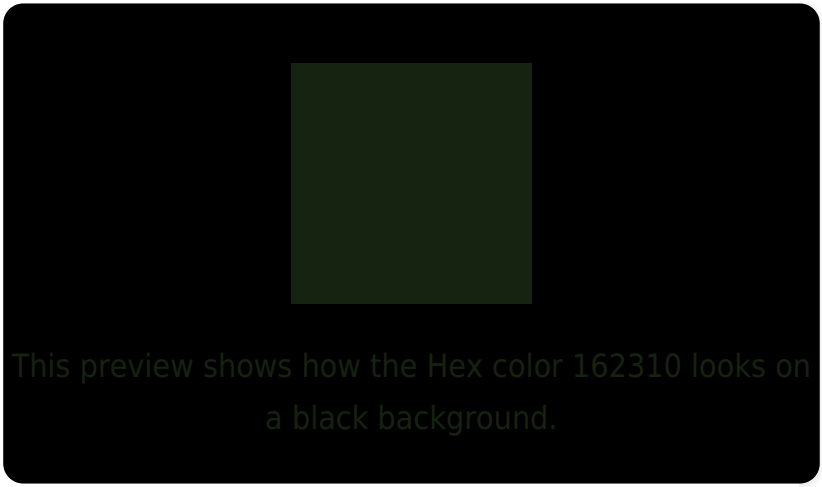
White Background

This preview shows how the Hex color 162310 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

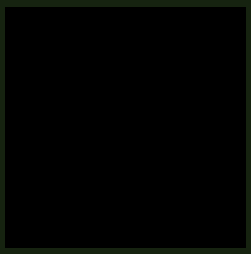


Color Contrast Check

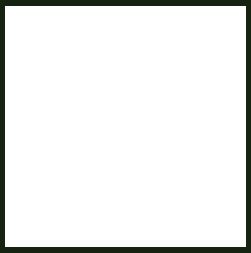
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 162310 Background



This preview shows how black text looks on a background with the Hex color 162310.



This preview shows how white text looks on a background with the Hex color 162310.

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
162310

Protanopia
23200F

Deuteranopia
271E11

Tritanopia
192124

Trichromacy

Original Color
162310

Protanomaly
1E210F

Deuteranomaly
212011

Tritanomaly
18221D

Monochromacy

Original Color
162310

Achromatopsia
1D1D1D

Achromatomaly
1A1F18

CSS Examples

Text

The CSS property to change the color of the text to Hex 162310 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 #162310 looks like.

```
.text, #text, p{
    color:#162310
}
```

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 #162310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162310
}
```

Border

The CSS property to change the border of an element to Hex 162310 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
#162310 }
```

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

```
.border{ border-color:#162310 }
```

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

Here you see how a box with a 4 pixel #162310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #162310; -webkit-box-shadow:4px 4px 4px 4px #162310; box-shadow:4px 4px 4px 4px #162310 }
```

Background

The CSS property to change the background color of an element to Hex 162310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#162310 }
```

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

```
.background{ background-color:#162310 }
```

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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