

Converting Colors

Hex(160523)

Have a look what the booklet for
Hex(160523) contains.

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Color

Hex(160523)

Conversions

Conversions Part 1

Format	Color
Hex	160523
RGB	22, 5, 35
RGB Percent	9%, 2%, 14%
CMY	0.9137, 0.9804, 0.8627
CMYK	0.37, 0.86, 0.00, 0.86
HSL	274°, 75%, 8%
HSV	274°, 86%, 14%
XYZ	0.6885, 0.4005, 1.6311
YIQ	13.5030, 0.5020, 12.9340

Conversions

Conversions Part 2

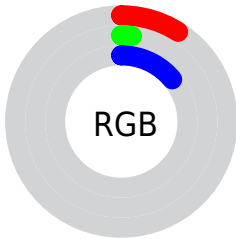
Format	Color
R_{YB}	22, 5, 35
Decimal	1443107
CIE Lab	3.62, 12.61, -15.48
CIE LCh	4, 19.967, 309.172
Yxy	0.4005, 0.2531, 0.1472
Android (android.graphics.Color)	4279633187 (0xFF160523)
YUV	13.5030, 10.5980, 7.4519
Hunter-Lab	6.3282, 8.3467, -10.8524

Details

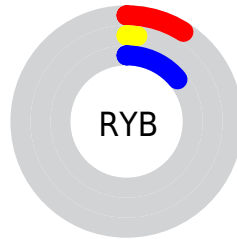
The Hex color **160523** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **122305**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **40334F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **140123**, and if you desaturate by 10%, it is **180823**.

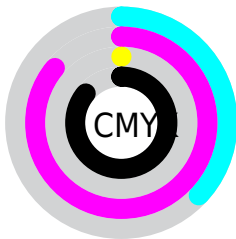
Distribution



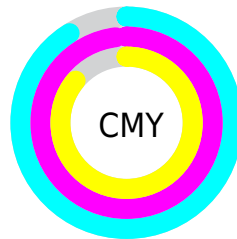
- Red (9%)
- Green (2%)
- Blue (14%)



- Red (9%)
- Yellow (2%)
- Blue (14%)



- Cyan (37%)
- Magenta (86%)
- Yellow (0%)
- Black (86%)



- Cyan (91%)
- Magenta (98%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 160523 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 160523 by changing the saturation by 10% instead.

■ 160523

■ 160523

■ F8E6FF

■ 00000B

■ 40334F

■ 000000

■ 574968

■ 706181

■ 8A7A9B

■ A494B6

■ BFAED1

■ DBCAEE

■ 160523

■ 160523

■ 140123

■ 180823

■ 140023

■ 190C23

■ 1B0F23

■ 1C1323

■ 1E1723

■ 1F1A23

■ 211D23

■ 222123

■ 242523

Harmonies

Analogous

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



000D28



160523



220019

Triad

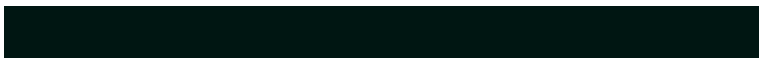
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



160523



1C0700



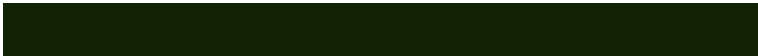
001612

Complementary

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



160523



122305

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.



001500



160523



0C0E00

Square

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



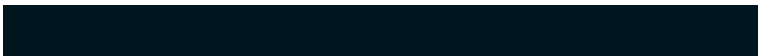
160523



250100



001400



00161F

Rectangle

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



160523



26000E



001400



00150C

Sweetspot

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



160523



29222E



051223



141017



969696



171717

Same Dimension

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



160523



1A002E



230521



111012



2E0052



7600D1

Inverse Universe

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



230512



2E0014



052307



121011



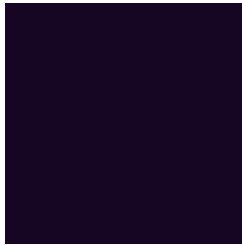
520023



D1005B

Previews

White Background



This preview shows how the Hex color 160523 looks on a white background.

Color Contrast Check

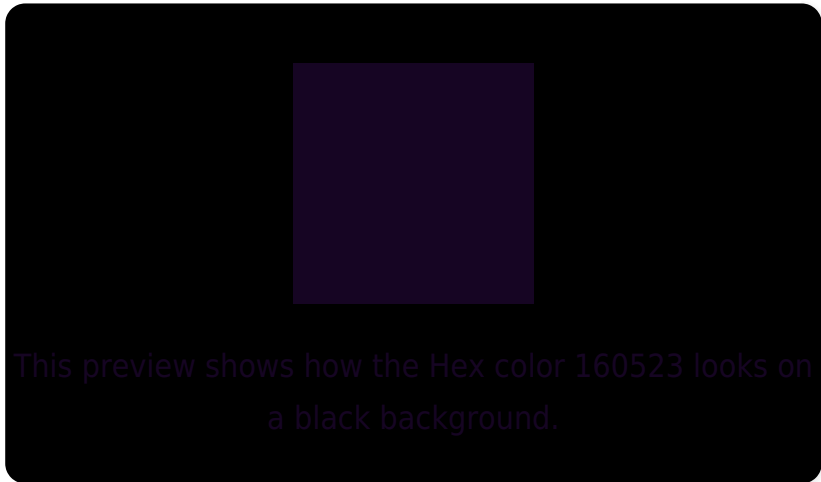
Large Text (above 18pt) WCAG AA ✓ Pass

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

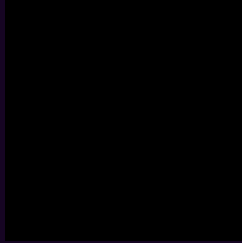
Any Text WCAG AA × Fail

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 160523 Background



This preview shows how black text looks on a background with the Hex color 160523.



This preview shows how white text looks on a background with the Hex color 160523.

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
160523

Protanopia
000F1F

Deuteranopia
00101B



Tritanopia
120E0F

Trichromacy



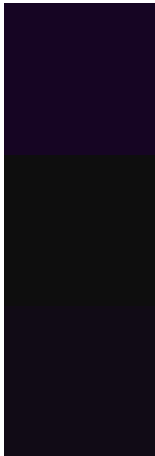
Original Color
160523

Protanomaly
080B20

Deuteranomaly
080C1E

Tritanomaly
130B16

Monochromacy



Original Color
160523

Achromatopsia
0E0E0E

Achromatomaly
110B16

CSS Examples

Text

The CSS property to change the color of the text to Hex 160523 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 #160523 looks like.

```
.text, #text, p{  
    color:#160523  
}
```

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 #160523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160523  
}
```

Border

The CSS property to change the border of an element to Hex 160523 is called "border". The border property can be set on classes, ids or directly on the HTML element.

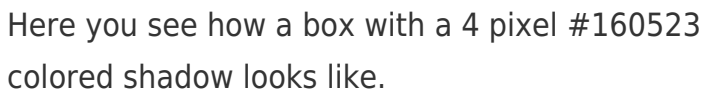
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#160523 }
```

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

```
.border{ border-color:#160523 }
```

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



Here you see how a box with a 4 pixel #160523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160523; -webkit-box-shadow:4px 4px  
4px 4px #160523; box-shadow:4px 4px 4px  
4px #160523 }
```

Background

The CSS property to change the background color of an element to Hex 160523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160523 }
```

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

```
.background{ background-color:#160523 }
```

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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