

Converting Colors

Hex(160D6D)

Have a look what the booklet for
Hex(160D6D) contains.

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Color

Hex(160D6D)

Conversions

Conversions Part 1

Format	Color
Hex	160D6D
RGB	22, 13, 109
RGB Percent	9%, 5%, 43%
CMY	0.9137, 0.9490, 0.5725
CMYK	0.80, 0.88, 0.00, 0.57
HSL	246°, 79%, 24%
HSV	246°, 88%, 43%
XYZ	3.2351, 1.5625, 14.5991
YIQ	26.6350, -25.4520, 31.7640

Conversions

Conversions Part 2

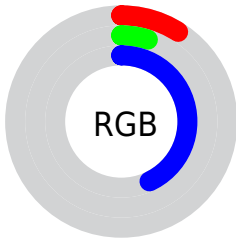
Format	Color
R_{YB}	22, 13, 109
Decimal	1445229
CIE _{Lab}	13.00, 37.04, -52.36
CIE _{LCh}	13, 64.139, 305.272
Yxy	1.5625, 0.1668, 0.0806
Android (android.graphics.Color)	4279635309 (0xFF160D6D)
YUV	26.6350, 40.6059, -4.0649
Hunter-Lab	12.5002, 24.3214, -60.4952

Details

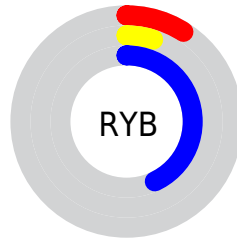
The Hex color **160D6D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **646D0D**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **533BA2**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **0C026D**, and if you desaturate by 10%, it is **20186D**.

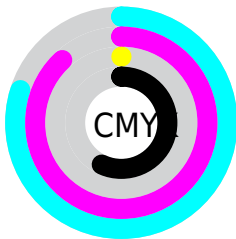
Distribution



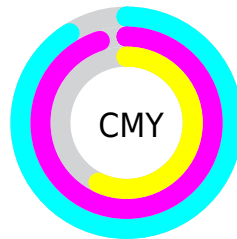
- Red (9%)
- Green (5%)
- Blue (43%)



- Red (9%)
- Yellow (5%)
- Blue (43%)



- Cyan (80%)
- Magenta (88%)
- Yellow (0%)
- Black (57%)



- Cyan (91%)
- Magenta (95%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 160D6D 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 160D6D by changing the saturation by 10% instead.

 160D6D

 160D6D

 FFF3FF

 000054

 533BA2

 00003C

 6F52BD

 000225

 8B6BD9

 00010E

 A785F6

 000000

 C39FFF

 E0BAFF

 FED6FF

 160D6D

 160D6D

■ 0C026D

■ 20186D

■ 0A006D

■ 2A236D

■ 342E6D

■ 3E396D

■ 47436D

■ 514E6D

■ 5B596D

■ 65646D

■ 6F6F6D

Harmonies

Analogous

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



00287E



160D6D



580048

Triad

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



160D6D



470C00



003129

Complementary

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



160D6D



646D0D

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.



003000



160D6D



242300

Square

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



160D6D



5F0000



002C00



003255

Rectangle

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



160D6D



65002B



002C00



003019

Sweetspot

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



160D6D



6D6A8F



0D656D



333147



C7C7C7



474747

Same Dimension

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



160D6D



0D008F



450D6D



313036



0B0075



1700F5

Inverse Universe

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



6D0D64



8F0081



356D0D



363035



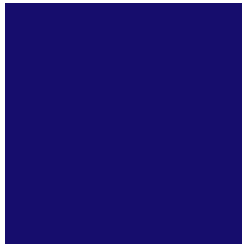
75006A



F500DE

Previews

White Background



This preview shows how the Hex color 160D6D looks on a white background.

Color Contrast Check

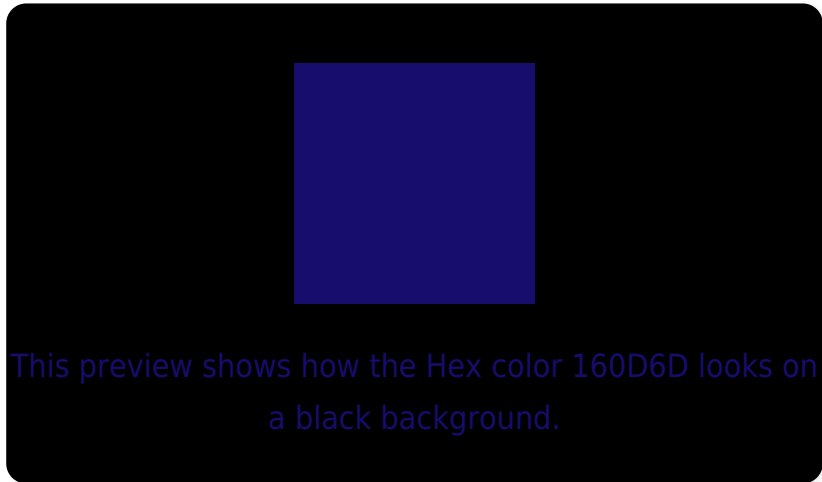
Large Text (above 18pt) WCAG AA ✓ Pass

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

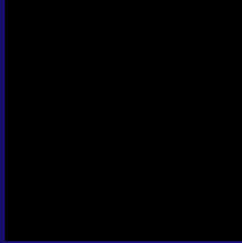
Any Text WCAG AA × Fail

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 160D6D Background



This preview shows how black text looks on a background with the Hex color 160D6D.



This preview shows how white text looks on a background with the Hex color 160D6D.

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
160D6D

Protanopia
002248

Deuteranopia
00253D



Tritanopia
00282A

Trichromacy



Original Color
160D6D

Protanomaly
081A55

Deuteranomaly
081C4E

Tritanomaly
081E42

Monochromacy



Original Color
160D6D

Achromatopsia
1B1B1B

Achromatomaly
191639

CSS Examples

Text

The CSS property to change the color of the text to Hex 160D6D 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 #160D6D looks like.

```
.text, #text, p{  
    color:#160D6D  
}
```

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 #160D6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160D6D
}
```

Border

The CSS property to change the border of an element to Hex 160D6D 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
#160D6D }
```

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

```
.border{ border-color:#160D6D }
```

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

Here you see how a box with a 4 pixel #160D6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160D6D; -webkit-box-shadow:4px 4px  
4px 4px #160D6D; box-shadow:4px 4px 4px  
4px #160D6D }
```

Background

The CSS property to change the background color of an element to Hex 160D6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160D6D }
```

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

```
.background{ background-color:#160D6D }
```

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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