

Converting Colors

Hex(15020D)

Have a look what the booklet for
Hex(15020D) contains.

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Color

Hex(15020D)

Conversions

Conversions Part 1

Format	Color
Hex	15020D
RGB	21, 2, 13
RGB Percent	8%, 1%, 5%
CMY	0.9176, 0.9922, 0.9490
CMYK	0.00, 0.90, 0.38, 0.92
HSL	325°, 83%, 5%
HSV	325°, 90%, 8%
XYZ	0.4036, 0.2319, 0.4043
YIQ	8.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

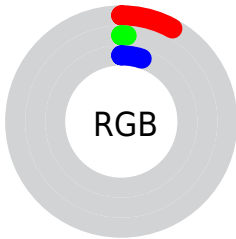
Format	Color
R_{YB}	21, 2, 13
Decimal	1376781
CIE Lab	2.09, 7.50, -2.17
CIE LCh	2, 7.812, 343.868
Yxy	0.2319, 0.3882, 0.2230
Android (android.graphics.Color)	4279566861 (0xFF15020D)
YUV	8.9350, 2.0040, 10.5810
Hunter-Lab	4.8156, 6.5333, -1.6063

Details

The Hex color **15020D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **02150A**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **3F3138**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **15000C**, and if you desaturate by 10%, it is **15040E**.

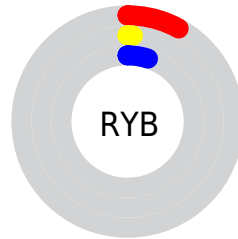
Distribution



Red (8%)

Green (1%)

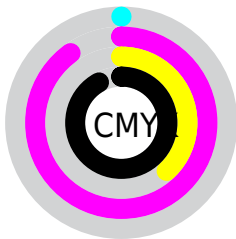
Blue (5%)



Red (8%)

Yellow (1%)

Blue (5%)

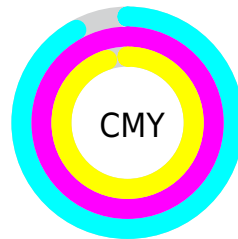


Cyan (0%)

Magenta (90%)

Yellow (38%)

Black (92%)



Cyan (92%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15020D 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 15020D by changing the saturation by 10% instead.

■ 15020D

■ 15020D

■ F5E4ED

■ 000000

■ 3F3138

■ 56484F

■ 6E5F67

■ 887880

■ A2929A

■ BDACB5

■ D9C8D0

■ 15020D

■ 15020D

■ 1500C

■ 15040E

■ 15060F

■ 150810

■ 150A11

■ 150C11

■ 150F12

■ 151113

■ 151314

■ 151515

Harmonies

Analogous

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



0F0413



15020D



180203

Triad

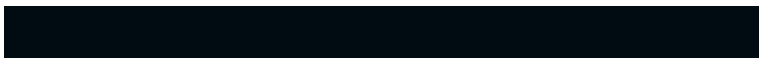
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15020D



070900



000C12

Complementary

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



15020D



02150A

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.



000D0C



15020D



000B00

Square

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



15020D



100600



000D02



000A16

Rectangle

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



15020D



170200



000D02



000D11

Sweetspot

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



15020D



1C1419



0A0215



0F0A0D



8F8F8F



0F0F0F

Same Dimension

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



15020D



1C0010



150204



0A090A



4A002B



C90075

Inverse Universe

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



15020D



1C0010



021513



0A090A



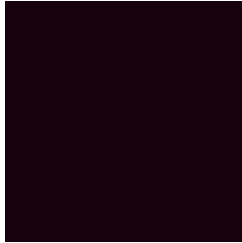
4A002B



C90075

Previews

White Background



This preview shows how the Hex color 15020D looks on a white background.

Color Contrast Check

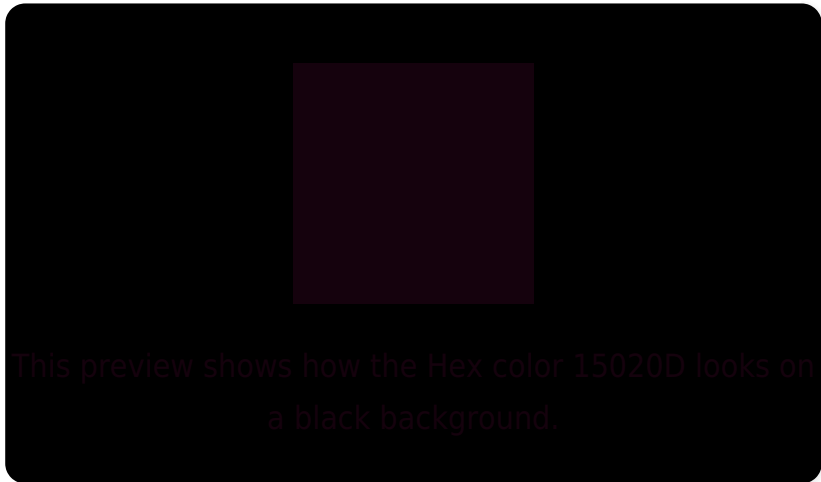
Large Text (above 18pt) WCAG AA ✓ Pass

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

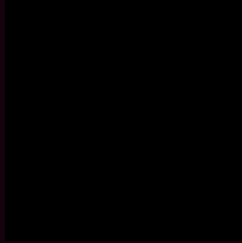
Any Text WCAG AA × Fail

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 15020D Background



This preview shows how black text looks on a background with the Hex color 15020D.



This preview shows how white text looks on a background with the Hex color 15020D.

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
15020D

Protanopia
080B12

Deuteranopia
0C0B0C



Tritanopia
150506

Trichromacy



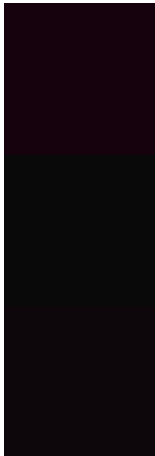
Original Color
15020D

Protanomaly
0D0810

Deuteranomaly
0F080C

Tritanomaly
150409

Monochromacy



Original Color
15020D

Achromatopsia
090909

Achromatomaly
0D060A

CSS Examples

Text

The CSS property to change the color of the text to Hex 15020D 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 #15020D looks like.

```
.text, #text, p{  
    color:#15020D  
}
```

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 #15020D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15020D
}
```

Border

The CSS property to change the border of an element to Hex 15020D is called "border". The border property can be set on classes, ids or directly on the HTML element.

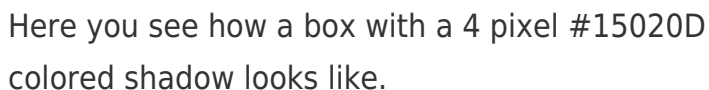
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#15020D }
```

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

```
.border{ border-color:#15020D }
```

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



Here you see how a box with a 4 pixel #15020D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15020D; -webkit-box-shadow:4px 4px  
4px 4px #15020D; box-shadow:4px 4px 4px  
4px #15020D }
```

Background

The CSS property to change the background color of an element to Hex 15020D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15020D }
```

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

```
.background{ background-color:#15020D }
```

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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