

Converting Colors

Hex(10100C)

Have a look what the booklet for
Hex(10100C) contains.

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Color

Hex(10100C)

Conversions

Conversions Part 1

Format	Color
Hex	10100C
RGB	16, 16, 12
RGB Percent	6%, 6%, 5%
CMY	0.9373, 0.9373, 0.9529
CMYK	0.00, 0.00, 0.25, 0.94
HSL	60°, 14%, 5%
HSV	60°, 25%, 6%
XYZ	0.4653, 0.5073, 0.4212
YIQ	15.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

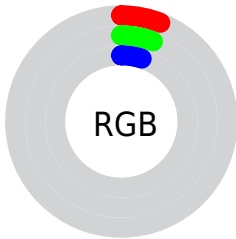
Format	Color
RYB	12, 16, 12
Decimal	1052684
CIELab	4.58, -0.69, 1.88
CIELCh	5, 1.998, 110.173
Yxy	0.5073, 0.3339, 0.3639
Android (android.graphics.Color)	4279242764 (0xFF10100C)
YUV	15.5440, -1.7472, 0.3999
Hunter-Lab	7.1224, -0.8020, 1.4793

Details

The Hex color **10100C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C0C10**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **3B3B38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10100A**, and if you desaturate by 10%, it is **10100E**.

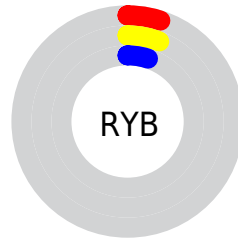
Distribution



Red (6%)

Green (6%)

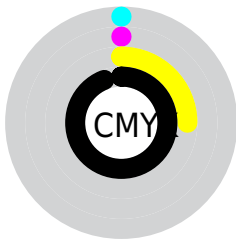
Blue (5%)



Red (5%)

Yellow (6%)

Blue (5%)

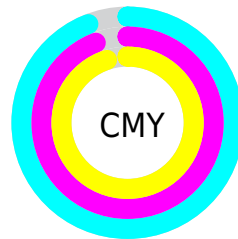


Cyan (0%)

Magenta (0%)

Yellow (25%)

Black (94%)



Cyan (94%)

Magenta (94%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10100C 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 10100C by changing the saturation by 10% instead.

■ 10100C

■ 10100C

■ F0F0EC

■ 000000

■ 3B3B38

■ 52524E

■ 6A6A66

■ 83837F

■ 9D9D99

■ B8B8B4

■ D3D3D0

■ 10100C

■ 10100C

■ 10100A

■ 10100E

■ 101009

■ 10100F

■ 101007

■ 101011

■ 101006

■ 101012

■ 101004

■ 101014

■ 101002

■ 101016

■ 101001

■ 101017

■ 101000

■ 101019

■ 10101A

Harmonies

Analogous

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



120F0C



10100C



0E110D

Triad

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



10100C



0C1112



130F10

Complementary

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



10100C



0C0C10

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.



120F12



10100C



0D1013

Square

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



10100C



0B1111



0F0F13



140F0F

Rectangle

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



10100C



0C110E



0F0F13



130F11

Sweetspot

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



10100C



141413



100C0C



0A0A09



8A8A8A



0A0A0A

Same Dimension

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



10100C



14140E



0E100C



080807



474700



C7C700

Inverse Universe

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



0C0C10



0E0E14



0E0C10



070708



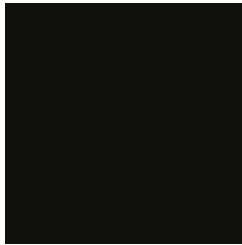
000047



0000C7

Previews

White Background



This preview shows how the Hex color 10100C looks on a white background.

Color Contrast Check

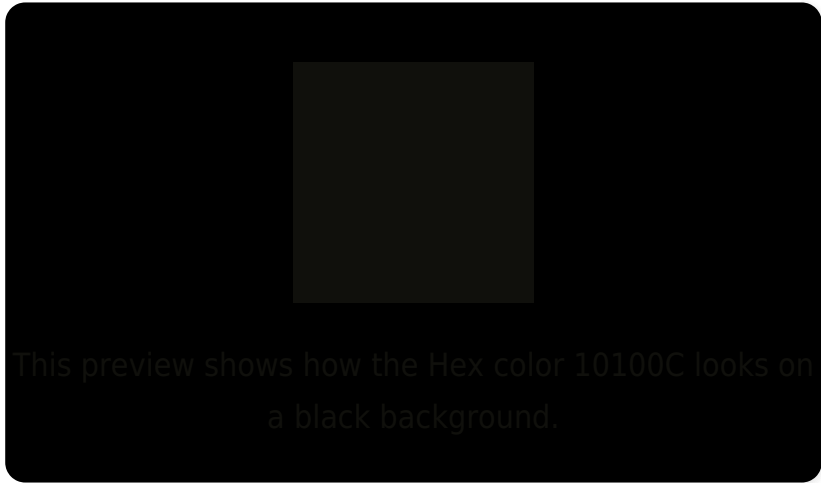
Large Text (above 18pt) WCAG AA ✓ Pass

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

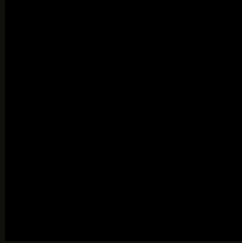
Any Text WCAG AA × Fail

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 10100C Background



This preview shows how black text looks on a background with the Hex color 10100C.

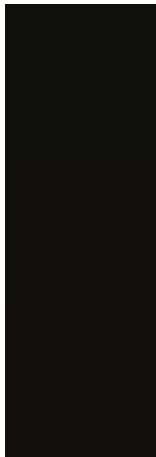


This preview shows how white text looks on a background with the Hex color 10100C.

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
10100C

Protanopia
11100C

Deuteranopia
120F0C



Tritanopia
110F11

Trichromacy



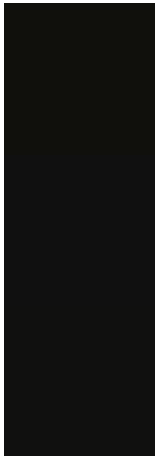
Original Color
10100C

Protanomaly
11100C

Deuteranomaly
110F0C

Tritanomaly
110F0F

Monochromacy



Original Color
10100C

Achromatopsia
101010

Achromatomaly
10100F

CSS Examples

Text

The CSS property to change the color of the text to Hex 10100C 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 #10100C looks like.

```
.text, #text, p{  
    color:#10100C  
}
```

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 #10100C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10100C
}
```

Border

The CSS property to change the border of an element to Hex 10100C is called "border". The border property can be set on classes, ids or directly on the HTML element.

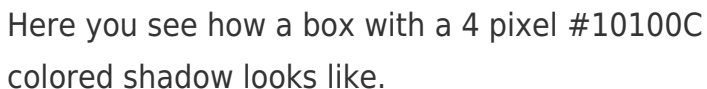
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10100C }
```

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

```
.border{ border-color:#10100C }
```

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



Here you see how a box with a 4 pixel #10100C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10100C; -webkit-box-shadow:4px 4px  
4px 4px #10100C; box-shadow:4px 4px 4px  
4px #10100C }
```

Background

The CSS property to change the background color of an element to Hex 10100C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10100C }
```

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

```
.background{ background-color:#10100C }
```

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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