

Converting Colors

Hex(120A10)

Have a look what the booklet for
Hex(120A10) contains.

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Color

Hex(120A10)

Conversions

Conversions Part 1

Format	Color
Hex	120A10
RGB	18, 10, 16
RGB Percent	7%, 4%, 6%
CMY	0.9294, 0.9608, 0.9373
CMYK	0.00, 0.44, 0.11, 0.93
HSL	315°, 29%, 5%
HSV	315°, 44%, 7%
XYZ	0.4515, 0.3831, 0.5404
YIQ	13.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

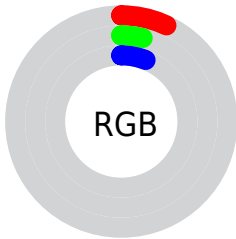
Format	Color
R_{YB}	18, 10, 16
Decimal	1182224
CIE Lab	3.46, 3.58, -1.76
CIE LCh	3, 3.991, 333.788
Yxy	0.3831, 0.3284, 0.2786
Android (android.graphics.Color)	4279372304 (0xFF120A10)
YUV	13.0760, 1.4415, 4.3183
Hunter-Lab	6.1894, 2.1901, -0.8436

Details


The Hex color **120A10** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A120C**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **3C363B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **120810**, and if you desaturate by 10%, it is **120C10**.

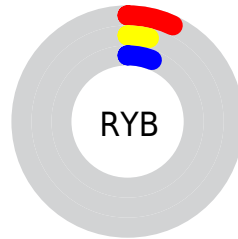
Distribution



 Red (7%)

 Green (4%)

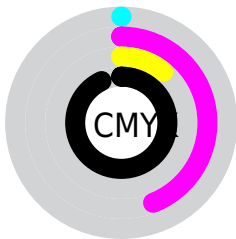
 Blue (6%)



 Red (7%)

 Yellow (4%)

 Blue (6%)

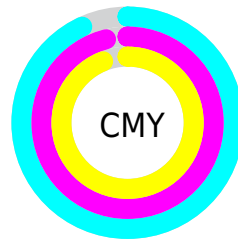


 Cyan (0%)

 Magenta (44%)

 Yellow (11%)

 Black (93%)



 Cyan (93%)

 Magenta (96%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120A10 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 120A10 by changing the saturation by 10% instead.

■ 120A10

■ 120A10

■ F2EAF0

■ 000000

■ 3C363B

■ 534D52

■ 6B656A

■ 857E83

■ 9F989D

■ BAB2B8

■ D5CED3

■ 120A10

■ 120A10

■ 120810

■ 120C10

■ 12060F

■ 120E11

■ 12050F

■ 120F11

■ 12030E

■ 121112

■ 12010E

■ 121312

■ 12000E

■ 121513

■ 121713

■ 121814

■ 121A14

Harmonies

Analogous

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



0E0B13



120A10



14090C

Triad

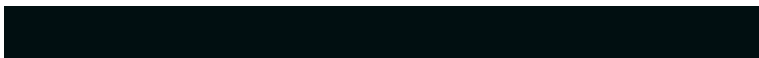
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120A10



100C03



010F11

Complementary

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



120A10



0A120C

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.



020F0D



120A10



0B0E04

Square

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



120A10



130B04



050F08



040E13

Rectangle

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



120A10



150A09



050F08



010F0F

Sweetspot

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



120A10



171416



0C0A12



0D0B0C



8C8C8C



0D0D0D

Same Dimension

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



120A10



170B14



120A0C



0A090A



4A0037



C90097

Inverse Universe

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



120A10



170B14



0A1210



0A090A



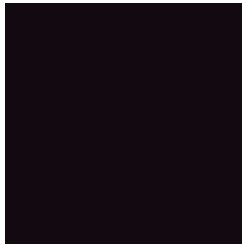
4A0037



C90097

Previews

White Background



This preview shows how the Hex color 120A10 looks on a white background.

Color Contrast Check

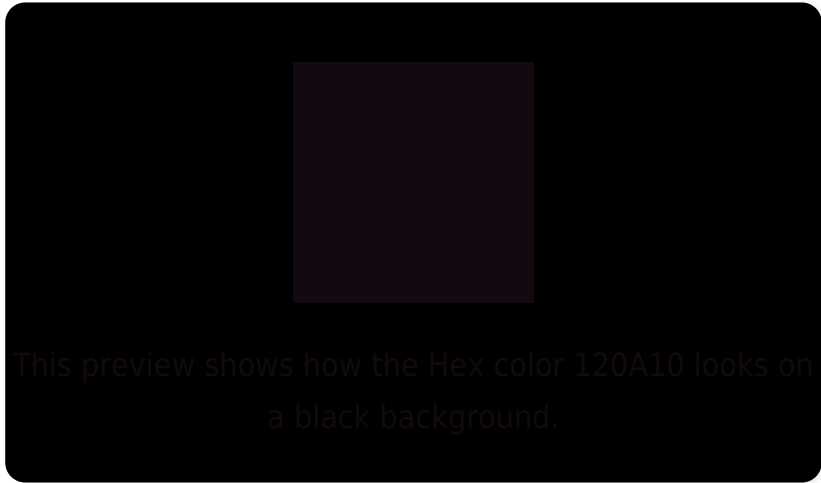
Large Text (above 18pt) WCAG AA ✓ Pass

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

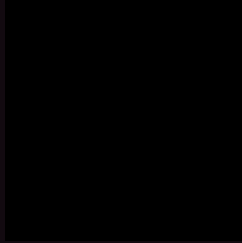
Any Text WCAG AA × Fail

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 120A10 Background



This preview shows how black text looks on a background with the Hex color 120A10.

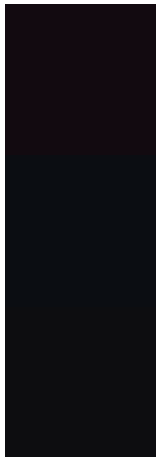


This preview shows how white text looks on a background with the Hex color 120A10.

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
120A10

Protanopia
0B0D12

Deuteranopia
0D0D10



Tritanopia
120B0C

Trichromacy



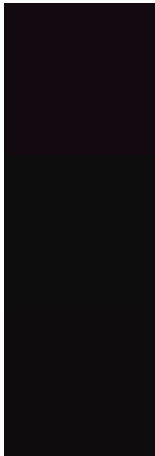
Original Color
120A10

Protanomaly
0E0C11

Deuteranomaly
0F0C10

Tritanomaly
120B0D

Monochromacy



Original Color
120A10

Achromatopsia
0D0D0D

Achromatomaly
0F0C0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 120A10 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 #120A10 looks like.

```
.text, #text, p{  
    color:#120A10  
}
```

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 #120A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120A10
}
```

Border

The CSS property to change the border of an element to Hex 120A10 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
#120A10 }
```

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

```
.border{ border-color:#120A10 }
```

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

Here you see how a box with a 4 pixel #120A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120A10; -webkit-box-shadow:4px 4px  
4px 4px #120A10; box-shadow:4px 4px 4px  
4px #120A10 }
```

Background

The CSS property to change the background color of an element to Hex 120A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120A10 }
```

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

```
.background{ background-color:#120A10 }
```

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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