

Converting Colors

Hex(12030E)

Have a look what the booklet for
Hex(12030E) contains.

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Color

Hex(12030E)

Conversions

Conversions Part 1

Format	Color
Hex	12030E
RGB	18, 3, 14
RGB Percent	7%, 1%, 5%
CMY	0.9294, 0.9882, 0.9451
CMYK	0.00, 0.83, 0.22, 0.93
HSL	316°, 71%, 4%
HSV	316°, 83%, 7%
XYZ	0.3613, 0.2254, 0.4399
YIQ	8.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

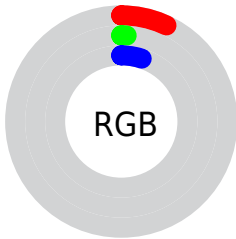
Format	Color
R_{YB}	18, 3, 14
Decimal	1180430
CIE Lab	2.04, 6.02, -2.78
CIE LCh	2, 6.634, 335.208
Yxy	0.2254, 0.3519, 0.2196
Android (android.graphics.Color)	4279370510 (0xFF12030E)
YUV	8.7390, 2.5937, 8.1219
Hunter-Lab	4.7479, 5.2736, -2.1701

Details

The Hex color **12030E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **031207**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **3C3239**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **12010E**, and if you desaturate by 10%, it is **12050E**.

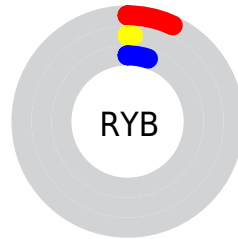
Distribution



Red (7%)

Green (1%)

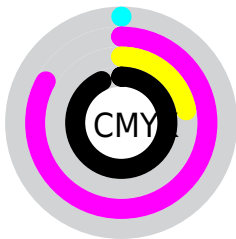
Blue (5%)



Red (7%)

Yellow (1%)

Blue (5%)

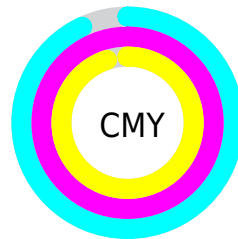


Cyan (0%)

Magenta (83%)

Yellow (22%)

Black (93%)



Cyan (93%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12030E 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 12030E by changing the saturation by 10% instead.

■ 12030E

■ 12030E

■ F2E5EE

■ 000000

■ 3C3239

■ 534850

■ 6B6068

■ 857981

■ 9F939B

■ BAADB6

■ D5C9D1

■ 12030E

■ 12030E

■ 12010E

■ 12050E

■ 12000D

■ 12070F

■ 12080F

■ 120A10

■ 120C10

■ 120E11

■ 121011

■ 121112

■ 121312

Harmonies

Analogous

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



0B0513



12030E



150206

Triad

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



12030E



0A0800



000C10

Complementary

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



12030E



031207

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.



000C09



12030E



010A00

Square

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



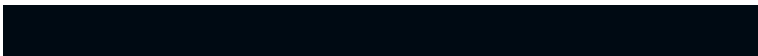
12030E



110500



000C00



000A13

Rectangle

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



12030E



160201



000C00



000C0E

Sweetspot

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



12030E



171115



070312



0D090C



8C8C8C



0D0D0D

Same Dimension

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



12030E



170011



120306



0A090A



4A0036



C90094

Inverse Universe

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



12030E



170011



03120E



0A090A



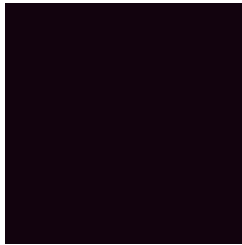
4A0036



C90094

Previews

White Background



This preview shows how the Hex color 12030E looks on a white background.

Color Contrast Check

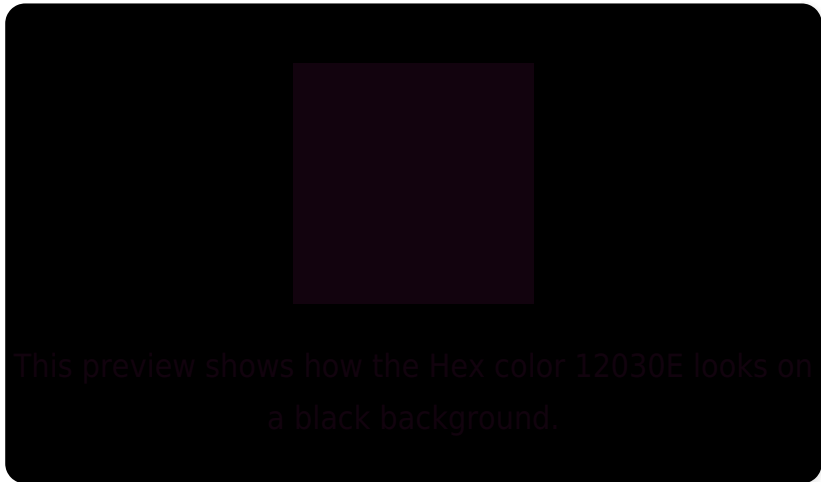
Large Text (above 18pt) WCAG AA ✓ Pass

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

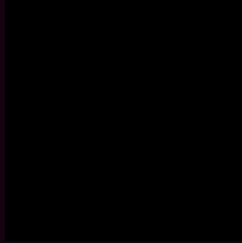
Any Text WCAG AA × Fail

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 12030E Background



This preview shows how black text looks on a background with the Hex color 12030E.



This preview shows how white text looks on a background with the Hex color 12030E.

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](#).

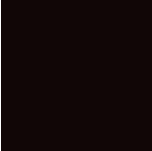
Dichromacy



Original Color
12030E

Protanopia
050A13

Deuteranopia
090A0D



Tritanopia
110606

Trichromacy



Original Color

12030E

Protanomaly

0A0711

Deuteranomaly

0C070D

Tritanomaly

110509

Monochromacy



Original Color

12030E

Achromatopsia

090909

Achromatomaly

0C070B

CSS Examples

Text

The CSS property to change the color of the text to Hex 12030E 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 #12030E looks like.

```
.text, #text, p{  
    color:#12030E  
}
```

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 #12030E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12030E
}
```

Border

The CSS property to change the border of an element to Hex 12030E is called "border". The border property can be set on classes, ids or directly on the HTML element.

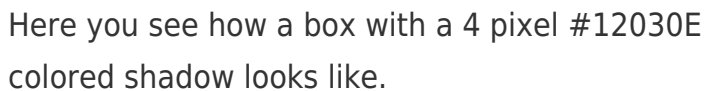
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12030E }
```

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

```
.border{ border-color:#12030E }
```

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



Here you see how a box with a 4 pixel #12030E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12030E; -webkit-box-shadow:4px 4px  
4px 4px #12030E; box-shadow:4px 4px 4px  
4px #12030E }
```

Background

The CSS property to change the background color of an element to Hex 12030E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12030E }
```

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

```
.background{ background-color:#12030E }
```

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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