

Converting Colors

Hex(05160B)

Have a look what the booklet for
Hex(05160B) contains.

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Color

Hex(05160B)

Conversions

Conversions Part 1

Format	Color
Hex	05160B
RGB	5, 22, 11
RGB Percent	2%, 9%, 4%
CMY	0.9804, 0.9137, 0.9569
CMYK	0.77, 0.00, 0.50, 0.91
HSL	141°, 63%, 5%
HSV	141°, 77%, 9%
XYZ	0.4099, 0.6302, 0.4167
YIQ	15.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

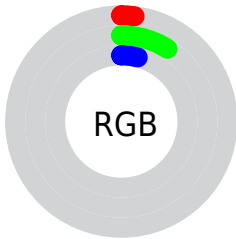
Format	Color
R _Y B	5, 18, 22
Decimal	333323
CIE Lab	5.69, -7.75, 3.86
CIE LCh	6, 8.654, 153.541
Yxy	0.6302, 0.2814, 0.4326
Android (android.graphics.Color)	4278523403 (0xFF05160B)
YUV	15.6630, -2.2989, -9.3515
Hunter-Lab	7.9388, -4.6765, 2.4454

Details

The Hex color **05160B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **160510**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **334037**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **03160A**, and if you desaturate by 10%, it is **07160C**.

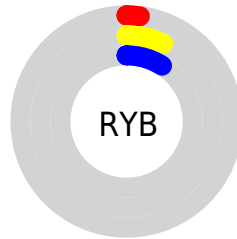
Distribution



Red (2%)

Green (9%)

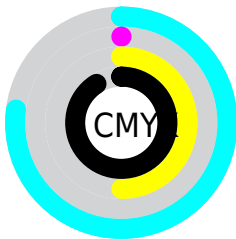
Blue (4%)



Red (2%)

Yellow (7%)

Blue (9%)

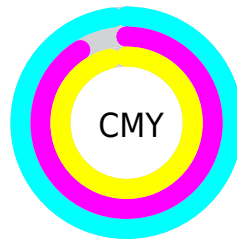


Cyan (77%)

Magenta (0%)

Yellow (50%)

Black (91%)



Cyan (98%)

Magenta (91%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05160B 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 05160B by changing the saturation by 10% instead.

■ 05160B

■ 05160B

■ E6F7EB

■ 000000

■ 334037

■ 49574E

■ 617066

■ 7A897F

■ 94A498

■ AEBFB3

■ CADACF

■ 05160B

■ 05160B

■ 03160A

■ 07160C

■ 011608

■ 09160E

■ 001608

■ 0C160F

■ 0E1611

■ 101612

■ 121614

■ 141615

■ 171616

■ 191618

Harmonies

Analogous

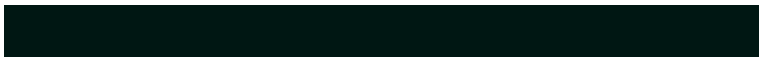
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



101403



05160B



001713

Triad

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



05160B



0C131E



1F0E09

Complementary

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



05160B



160510

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.



1E0E12



05160B



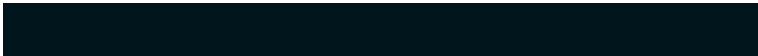
15101C

Square

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



05160B



01151D



1B0F18



1D1002

Rectangle

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



05160B



001617



1B0F18



1F0E0D

Sweetspot

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



05160B



161C18



101605



0B0F0D



8F8F8F



0F0F0F

Same Dimension

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



05160B



021C0B



051613



090A0A



004A1A



00C947

Inverse Universe

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



160510



1C0213



160508



0A090A



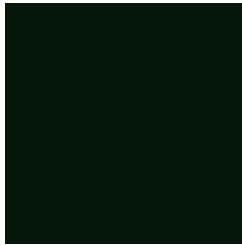
4A0030



C90082

Previews

White Background



This preview shows how the Hex color 05160B looks on a white background.

Color Contrast Check

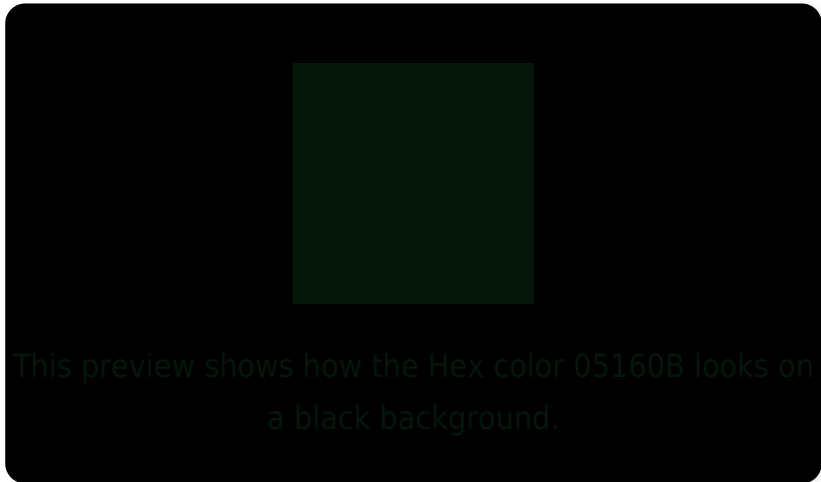
Large Text (above 18pt) WCAG AA ✓ Pass

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

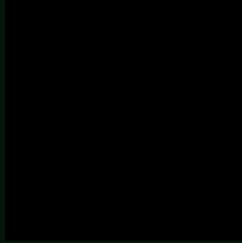
Any Text WCAG AA × Fail

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 05160B Background



This preview shows how black text looks on a background with the Hex color 05160B.



This preview shows how white text looks on a background with the Hex color 05160B.

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
05160B

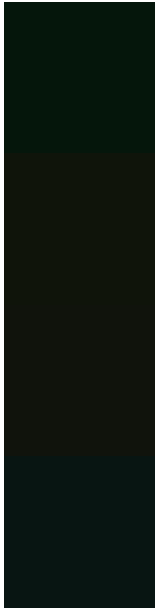
Protanopia
15130A

Deuteranopia
17120C



Tritanopia
0A1516

Trichromacy



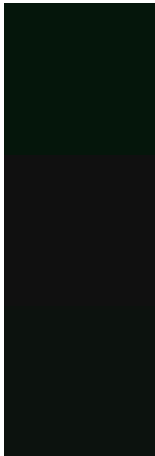
Original Color
05160B

Protanomaly
0F140A

Deuteranomaly
10130C

Tritanomaly
081512

Monochromacy



Original Color
05160B

Achromatopsia
101010

Achromatomaly
0C120E

CSS Examples

Text

The CSS property to change the color of the text to Hex 05160B 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 #05160B looks like.

```
.text, #text, p{  
    color:#05160B  
}
```

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 #05160B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05160B
}
```

Border

The CSS property to change the border of an element to Hex 05160B 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
#05160B }
```

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

```
.border{ border-color:#05160B }
```

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

Here you see how a box with a 4 pixel #05160B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05160B; -webkit-box-shadow:4px 4px  
4px 4px #05160B; box-shadow:4px 4px 4px  
4px #05160B }
```

Background

The CSS property to change the background color of an element to Hex 05160B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05160B }
```

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

```
.background{ background-color:#05160B }
```

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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