

Converting Colors

Hex(05212E)

Have a look what the booklet for
Hex(05212E) contains.

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Color

Hex(05212E)

Conversions

Conversions Part 1

Format	Color
Hex	05212E
RGB	5, 33, 46
RGB Percent	2%, 13%, 18%
CMY	0.9804, 0.8706, 0.8196
CMYK	0.89, 0.28, 0.00, 0.82
HSL	199°, 80%, 10%
HSV	199°, 89%, 18%
XYZ	1.0996, 1.3172, 2.7811
YIQ	26.1100, -20.8610, -1.8930

Conversions

Conversions Part 2

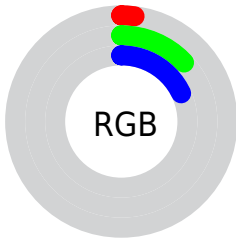
Format	Color
R_{YB}	5, 22, 46
Decimal	336174
CIE _{Lab}	11.40, -5.00, -11.67
CIE _{LCh}	11, 12.693, 246.800
Yxy	1.3172, 0.2115, 0.2534
Android (android.graphics.Color)	4278526254 (0xFF05212E)
YUV	26.1100, 9.8058, -18.5135
Hunter-Lab	11.4771, -2.9833, -6.3329

Details

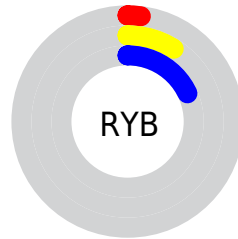
The Hex color **05212E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E1205**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **344D5C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00202E**, and if you desaturate by 10%, it is **0A222E**.

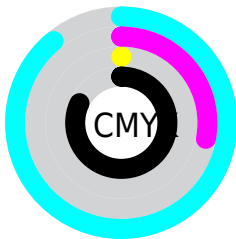
Distribution



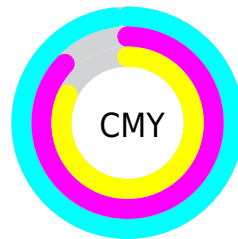
- Red (2%)
- Green (13%)
- Blue (18%)



- Red (2%)
- Yellow (9%)
- Blue (18%)



- Cyan (89%)
- Magenta (28%)
- Yellow (0%)
- Black (82%)



- Cyan (98%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05212E 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 05212E by changing the saturation by 10% instead.

■ 05212E

■ 05212E

■ ECFFFF

■ 000A1A

■ 344D5C

■ 000000

■ 4C6574

■ 657E8E

■ 7E98A8

■ 99B3C4

■ B4CEE0

■ D0EAFC

■ 05212E

■ 05212E

■ 00202E

■ 0A222E

■ 001F2E

■ 0E242E

■ 13252E

■ 17272E

■ 1C282E

■ 212A2E

■ 252B2E

■ 2A2D2E

■ 2E2E2E

Harmonies

Analogous

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



002228



05212E



151E2F

Triad

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



05212E



2F171D



19210F

Complementary

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



05212E



2E1205

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.



221E0B



05212E



2E1914

Square

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



05212E



2B1825



2A1B0D



0E2217

Rectangle

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



05212E



1E1C2E



2A1B0D



1C200D

Sweetspot

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



05212E



2B363B



052E12



151B1F



9E9E9E



1F1F1F

Same Dimension

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



05212E



00283B



050D2E



151617



003B57



0092D6

Inverse Universe

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



2E0521



3B0028



2E2605



171516



57003B



D60092

Previews

White Background



This preview shows how the Hex color 05212E looks on a white background.

Color Contrast Check

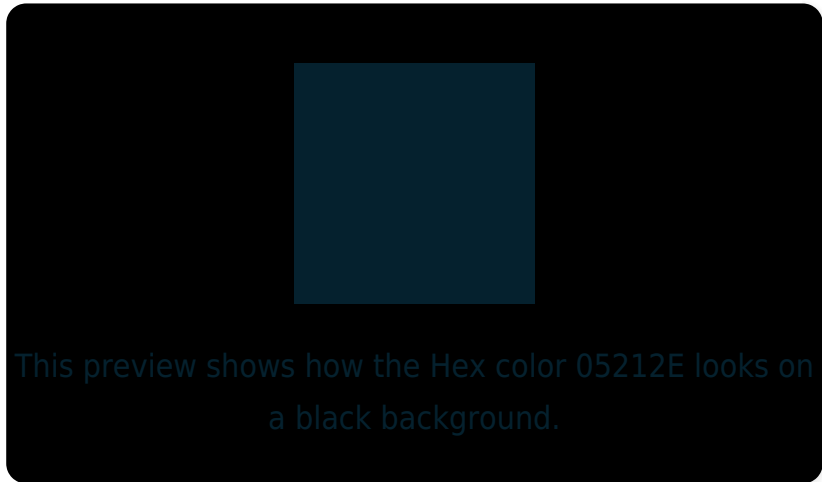
Large Text (above 18pt) WCAG AA ✓ Pass

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

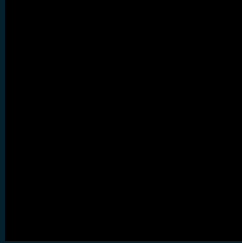
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

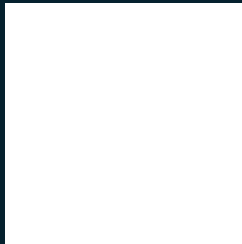
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 05212E Background



This preview shows how black text looks on a background with the Hex color 05212E.



This preview shows how white text looks on a background with the Hex color 05212E.

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
05212E

Protanopia
1B1E2C

Deuteranopia
171F2F

Trichromacy



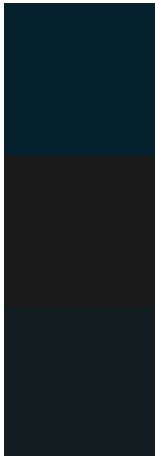
Original Color
05212E

Protanomaly
131F2D

Deuteranomaly
10202F

Tritanomaly
022228

Monochromacy



Original Color
05212E

Achromatopsia
1A1A1A

Achromatomaly
121D21

CSS Examples

Text

The CSS property to change the color of the text to Hex 05212E 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 #05212E looks like.

```
.text, #text, p{  
    color:#05212E  
}
```

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 #05212E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05212E
}
```

Border

The CSS property to change the border of an element to Hex 05212E 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
#05212E }
```

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

```
.border{ border-color:#05212E }
```

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

Here you see how a box with a 4 pixel #05212E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05212E; -webkit-box-shadow:4px 4px  
4px 4px #05212E; box-shadow:4px 4px 4px  
4px #05212E }
```

Background

The CSS property to change the background color of an element to Hex 05212E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05212E }
```

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

```
.background{ background-color:#05212E }
```

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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