

Converting Colors

Hex(090E20)

Have a look what the booklet for
Hex(090E20) contains.

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Color

Hex(090E20)

Conversions

Conversions Part 1

Format	Color
Hex	090E20
RGB	9, 14, 32
RGB Percent	4%, 5%, 13%
CMY	0.9647, 0.9451, 0.8745
CMYK	0.72, 0.56, 0.00, 0.87
HSL	227°, 56%, 8%
HSV	227°, 72%, 13%
XYZ	0.5304, 0.4764, 1.4305
YIQ	14.5570, -8.7580, 4.5380

Conversions

Conversions Part 2

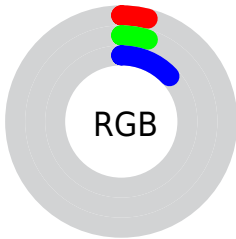
Format	Color
RYB	9, 13, 32
Decimal	593440
CIELab	4.30, 3.18, -12.19
CIELCh	4, 12.594, 284.614
Yxy	0.4764, 0.2176, 0.1955
Android (android.graphics.Color)	4278783520 (0xFF090E20)
YUV	14.5570, 8.5994, -4.8735
Hunter-Lab	6.9024, 1.6372, -7.4559

Details

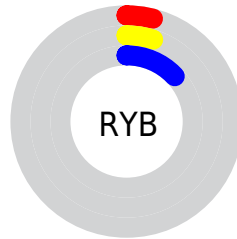
The Hex color **090E20** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **201B09**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **34394C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **060B20**, and if you desaturate by 10%, it is **0C1120**.

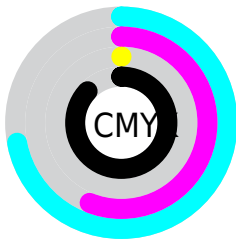
Distribution



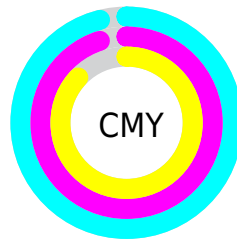
- Red (4%)
- Green (5%)
- Blue (13%)



- Red (4%)
- Yellow (5%)
- Blue (13%)



- Cyan (72%)
- Magenta (56%)
- Yellow (0%)
- Black (87%)



- Cyan (96%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 090E20 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 090E20 by changing the saturation by 10% instead.

■ 090E20

■ 090E20

■ E9EEFF

■ 000006

■ 34394C

■ 000000

■ 4C5064

■ 64687D

■ 7D8197

■ 979BB1

■ B2B6CD

■ CDD1E9

■ 090E20

■ 090E20

■ 060B20

■ 0C1120

■ 030920

■ 0F1320

■ 000720

■ 131620

■ 161820

■ 191B20

■ 1C1D20

■ 1F2020

■ 232220

■ 262520

Harmonies

Analogous

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



001220



090E20



170A1C

Triad

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



090E20



200800



001507

Complementary

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



090E20



201B09

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.



011300



090E20



190C00

Square

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



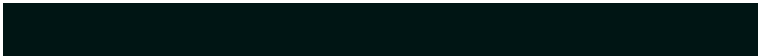
090E20



210609



0F1000



001514

Rectangle

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



090E20



1C0718



0F1000



001502

Sweetspot

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



090E20



202229



09201B



0F1014



949494



141414

Same Dimension

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



090E20



060D29



0F0920



0E0E0F



00114F



002DCF

Inverse Universe

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



20090E



29060D



1A2009



0F0E0E



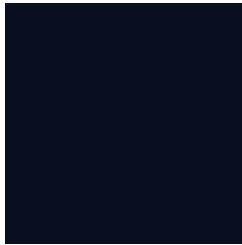
4F0011



CF002D

Previews

White Background



This preview shows how the Hex color 090E20 looks on a white background.

Color Contrast Check

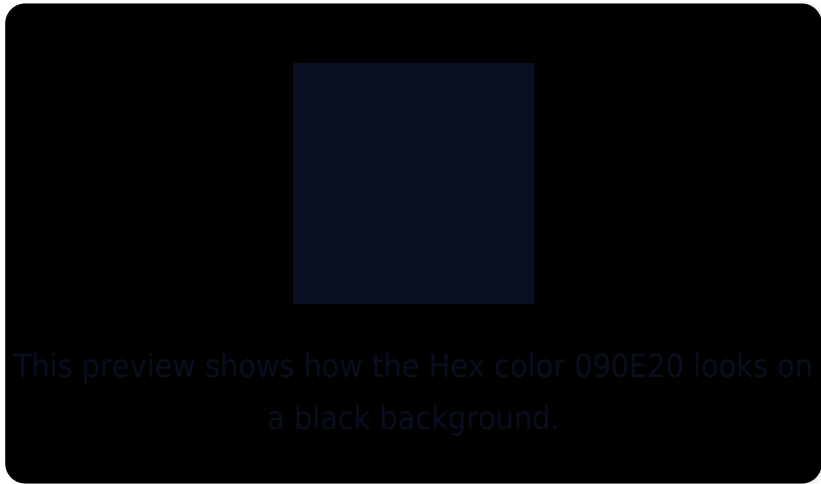
Large Text (above 18pt) WCAG AA ✓ Pass

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

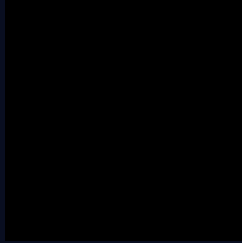
Any Text WCAG AA × Fail

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 090E20 Background



This preview shows how black text looks on a background with the Hex color 090E20.



This preview shows how white text looks on a background with the Hex color 090E20.

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
090E20

Protanopia
000F20

Deuteranopia
00101B

Trichromacy



Original Color

090E20

Protanomaly

030F20

Deuteranomaly

030F1D

Monochromacy



Original Color

090E20

Achromatopsia

0F0F0F

Achromatomaly

0D0F15

CSS Examples

Text

The CSS property to change the color of the text to Hex 090E20 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 #090E20 looks like.

```
.text, #text, p{  
    color:#090E20  
}
```

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 #090E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090E20
}
```

Border

The CSS property to change the border of an element to Hex 090E20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

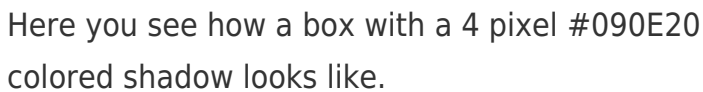
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#090E20 }
```

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

```
.border{ border-color:#090E20 }
```

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



Here you see how a box with a 4 pixel #090E20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090E20; -webkit-box-shadow:4px 4px  
4px 4px #090E20; box-shadow:4px 4px 4px  
4px #090E20 }
```

Background

The CSS property to change the background color of an element to Hex 090E20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090E20 }
```

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

```
.background{ background-color:#090E20 }
```

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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