

Converting Colors

Hex(0D1955)

Have a look what the booklet for
Hex(0D1955) contains.

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Color

Hex(0D1955)

Conversions

Conversions Part 1

Format	Color
Hex	0D1955
RGB	13, 25, 85
RGB Percent	5%, 10%, 33%
CMY	0.9490, 0.9020, 0.6667
CMYK	0.85, 0.71, 0.00, 0.67
HSL	230°, 73%, 19%
HSV	230°, 85%, 33%
XYZ	2.1533, 1.4367, 8.7581
YIQ	28.2520, -26.4120, 16.1160

Conversions

Conversions Part 2

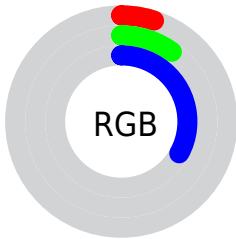
Format	Color
RYB	13, 23, 85
Decimal	858453
CIELab	12.20, 19.93, -37.71
CIElCh	12, 42.655, 297.852
Yxy	1.4367, 0.1744, 0.1163
Android (android.graphics.Color)	4279048533 (0xFF0D1955)
YUV	28.2520, 27.9768, -13.3760
Hunter-Lab	11.9863, 11.0911, -34.9318

Details

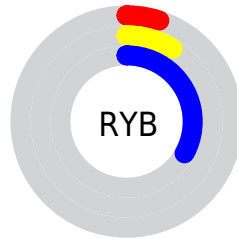
The Hex color **0D1955** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **55490D**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **464487**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **051255**, and if you desaturate by 10%, it is **152055**.

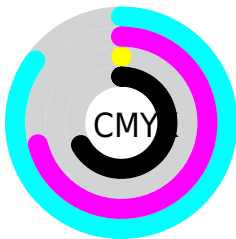
Distribution



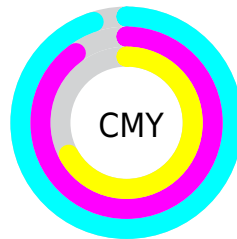
- Red (5%)
- Green (10%)
- Blue (33%)



- Red (5%)
- Yellow (9%)
- Blue (33%)



- Cyan (85%)
- Magenta (71%)
- Yellow (0%)
- Black (67%)



- Cyan (95%)
- Magenta (90%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D1955 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 0D1955 by changing the saturation by 10% instead.

0D1955

0D1955

FFFCFF

00003D

464487

000327

605BA2

000110

7A74BD

000000

958ED9

B1A8F6

CDC3FF

EADFFF

0D1955

0D1955

■ 051255

■ 152055

■ 000E55

■ 1E2755

■ 272E55

■ 2F3555

■ 373C55

■ 404355

■ 494B55

■ 515255

■ 595955

Harmonies

Analogous

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



00255C



0D1955



3F0040

Triad

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



0D1955



400F00



002C1D

Complementary

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



0D1955



55490D

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.



002A00



0D1955



2B1E00

Square

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



0D1955



4E0000



0C2600



002C3B

Rectangle

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



0D1955



4C002D



0C2600



002C12

Sweetspot

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



0D1955



52576E



0D5549



272A38



B8B8B8



383838

Same Dimension

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



0D1955



00126E



250D55



27282B



00126B



0027EB

Inverse Universe

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



550D19



6E0012



3D550D



2B2728



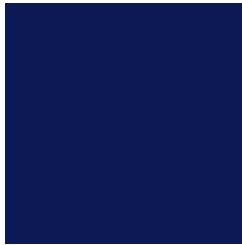
6B0012



EB0027

Previews

White Background



This preview shows how the Hex color 0D1955 looks on a white background.

Color Contrast Check

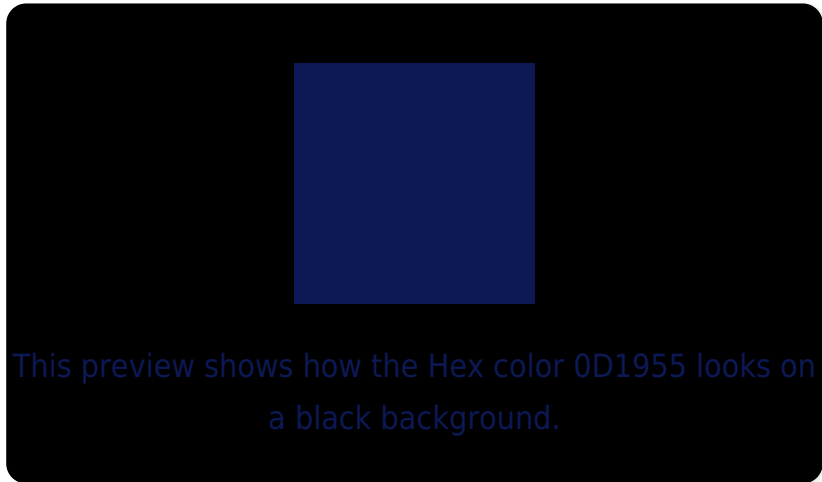
Large Text (above 18pt) WCAG AA ✓ Pass

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

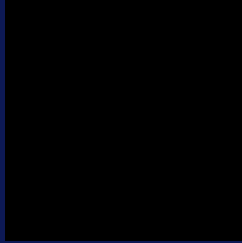
Any Text WCAG AA × Fail

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 0D1955 Background



This preview shows how black text looks on a background with the Hex color 0D1955.



This preview shows how white text looks on a background with the Hex color 0D1955.

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
0D1955

Protanopia
002043

Deuteranopia
002239

Trichromacy



Original Color
0D1955

Protanomaly
051D4A

Deuteranomaly
051F43

Tritanomaly
052138

Monochromacy



Original Color
0D1955

Achromatopsia
1C1C1C

Achromatomaly
171B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D1955 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 #0D1955 looks like.

```
.text, #text, p{  
    color:#0D1955  
}
```

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 #0D1955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1955
}
```

Border

The CSS property to change the border of an element to Hex 0D1955 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
#0D1955 }
```

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

```
.border{ border-color:#0D1955 }
```

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

Here you see how a box with a 4 pixel #0D1955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1955; -webkit-box-shadow:4px 4px  
4px 4px #0D1955; box-shadow:4px 4px 4px  
4px #0D1955 }
```

Background

The CSS property to change the background color of an element to Hex 0D1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1955 }
```

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

```
.background{ background-color:#0D1955 }
```

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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