

Converting Colors

Hex(1D0963)

Have a look what the booklet for
Hex(1D0963) contains.

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Color

Hex(1D0963)

Conversions

Conversions Part 1

Format	Color
Hex	1D0963
RGB	29, 9, 99
RGB Percent	11%, 4%, 39%
CMY	0.8863, 0.9647, 0.6118
CMYK	0.71, 0.91, 0.00, 0.61
HSL	253°, 83%, 21%
HSV	253°, 91%, 39%
XYZ	2.8565, 1.3574, 11.9158
YIQ	25.2400, -16.9700, 32.2300

Conversions

Conversions Part 2

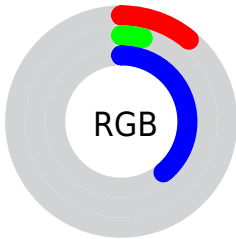
Format	Color
R_{YB}	29, 9, 99
Decimal	1902947
CIE _{Lab}	11.67, 36.18, -47.96
CIE _{LCh}	12, 60.073, 307.034
Yxy	1.3574, 0.1771, 0.0842
Android (android.graphics.Color)	4280093027 (0xFF1D0963)
YUV	25.2400, 36.3637, 3.2975
Hunter-Lab	11.6509, 23.3747, -52.4825

Details

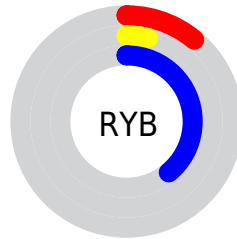
The Hex color **1D0963** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4F6309**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **553797**, and **000433** is the 20% darker color. If you saturate the color by 10%, you get **160063**, and if you desaturate by 10%, it is **251363**.

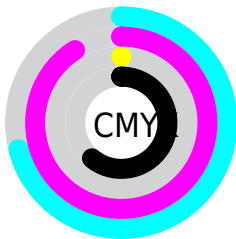
Distribution



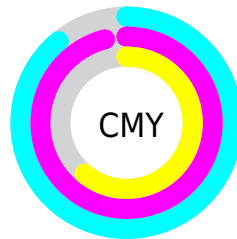
- Red (11%)
- Green (4%)
- Blue (39%)



- Red (11%)
- Yellow (4%)
- Blue (39%)



- Cyan (71%)
- Magenta (91%)
- Yellow (0%)
- Black (61%)



- Cyan (89%)
- Magenta (96%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D0963 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 1D0963 by changing the saturation by 10% instead.

 1D0963

 1D0963

 FFEFFF

 00004B

 553797

 000433

 704FB2

 00021D

 8C68CE

 000000

 A781EA

 C49CFF

 E1B7FF

 FED3FF

 1D0963

 1D0963

■ 160063

■ 251363

■ 2C1D63

■ 342763

■ 3C3163

■ 443B63

■ 4B4463

■ 534E63

■ 5B5863

■ 626263

Harmonies

Analogous

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



002474



1D0963



530040

Triad

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



1D0963



400D00



002D28

Complementary

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



1D0963



4F6309

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.



002C00



1D0963



1F2100

Square

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



1D0963



570000



002900



002F51

Rectangle

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



1D0963



5E0025



002900



002D19

Sweetspot

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



1D0963



655D80



095063



302B40



BFBFBF



404040

Same Dimension

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



1D0963



1C0080



4A0963



2D2C30



190070



3500F0

Inverse Universe

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



63094F



800063



236309



302C2F



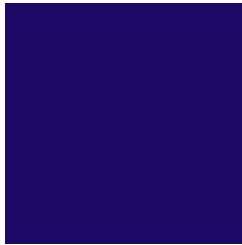
700057



F000BA

Previews

White Background



This preview shows how the Hex color 1D0963 looks on a white background.

Color Contrast Check

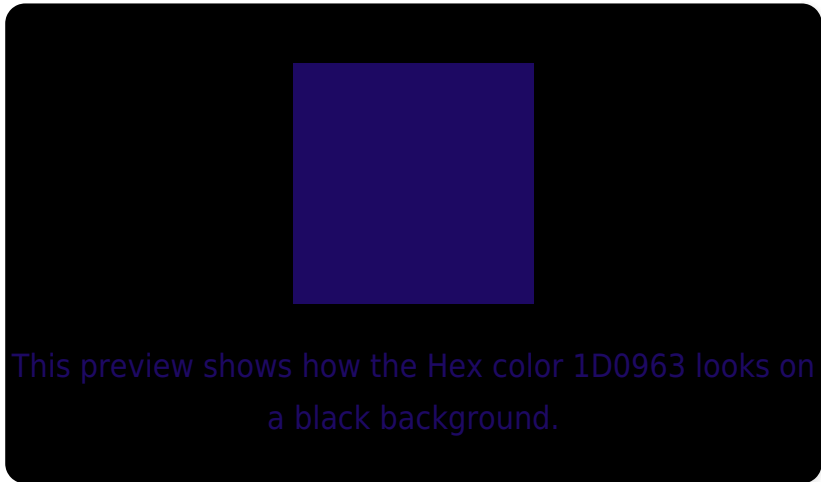
Large Text (above 18pt) WCAG AA ✓ Pass

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

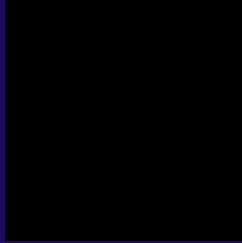
Any Text WCAG AA × Fail

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 1D0963 Background



This preview shows how black text looks on a background with the Hex color 1D0963.

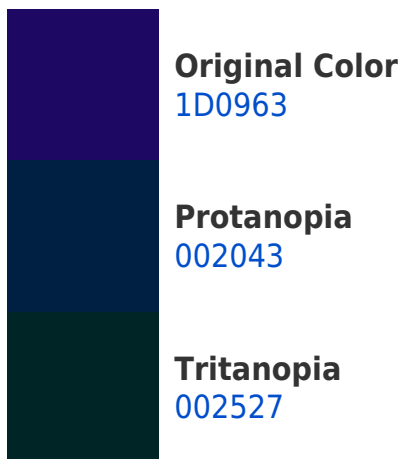


This preview shows how white text looks on a background with the Hex color 1D0963.

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



Trichromacy



Original Color
1D0963

Protanomaly
0B184F

Tritanomaly
0B1B3D

Monochromacy



Original Color
1D0963

Achromatopsia
191919

Achromatomaly
1A1334

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D0963 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 #1D0963 looks like.

```
.text, #text, p{  
    color:#1D0963  
}
```

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 #1D0963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0963
}
```

Border

The CSS property to change the border of an element to Hex 1D0963 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
#1D0963 }
```

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

```
.border{ border-color:#1D0963 }
```

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

Here you see how a box with a 4 pixel #1D0963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0963; -webkit-box-shadow:4px 4px  
4px 4px #1D0963; box-shadow:4px 4px 4px  
4px #1D0963 }
```

Background

The CSS property to change the background color of an element to Hex 1D0963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0963 }
```

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

```
.background{ background-color:#1D0963 }
```

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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