

Converting Colors

Hex(1D2966)

Have a look what the booklet for
Hex(1D2966) contains.

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Color

Hex(1D2966)

Conversions

Conversions Part 1

Format	Color
Hex	1D2966
RGB	29, 41, 102
RGB Percent	11%, 16%, 40%
CMY	0.8863, 0.8392, 0.6000
CMYK	0.72, 0.60, 0.00, 0.60
HSL	230°, 56%, 26%
HSV	230°, 72%, 40%
XYZ	3.6979, 2.8064, 12.9172
YIQ	44.3660, -26.7330, 16.4270

Conversions

Conversions Part 2

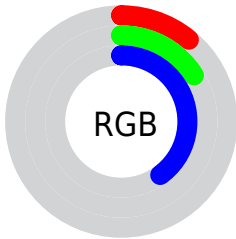
Format	Color
R_{YB}	29, 39, 102
Decimal	1911142
CIE _{Lab}	19.25, 17.48, -37.49
CIE _{LCh}	19, 41.369, 294.994
Y _{xy}	2.8064, 0.1904, 0.1445
Android (android.graphics.Color)	4280101222 (0xFF1D2966)
YUV	44.3660, 28.4136, -13.4760
Hunter-Lab	16.7523, 10.0856, -33.9900

Details

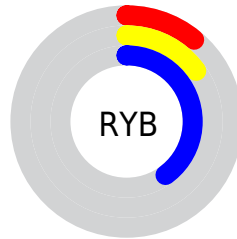
The Hex color **1D2966** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **665A1D**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **53569A**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **132066**, and if you desaturate by 10%, it is **273266**.

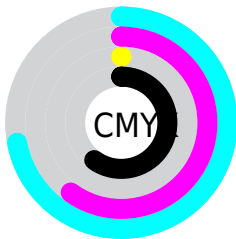
Distribution



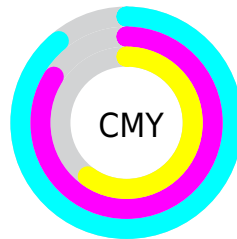
- Red (11%)
- Green (16%)
- Blue (40%)



- Red (11%)
- Yellow (15%)
- Blue (40%)



- Cyan (72%)
- Magenta (60%)
- Yellow (0%)
- Black (60%)



- Cyan (89%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D2966 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 1D2966 by changing the saturation by 10% instead.



1D2966



1D2966

FFFFFF



00154E



53569A



000036



6D6EB5



000220



8887D0



000004



A4A2ED



000000



C0BDFF



DCD8FF



F9F5FF



1D2966



1D2966

■ 132066

■ 273266

■ 091866

■ 313A66

■ 001166

■ 3C4366

■ 464B66

■ 505466

■ 5A5C66

■ 646566

■ 6F6D66

■ 797666

Harmonies

Analogous

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



00346B



1D2966



4D1752

Triad

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



1D2966



551E00



003B29

Complementary

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



1D2966



665A1D

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.



003906



1D2966



3F2C00

Square

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



1D2966



610A17



233400



003B47

Rectangle

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



1D2966



5C093F



233400



003A1E

Sweetspot

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



1D2966



696D85



1D665A



323442



C2C2C2



424242

Same Dimension

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



1D2966



132585



351D66



2E2F33



001373



0028F2

Inverse Universe

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



661D29



851325



4E661D



332E2F



730013



F20028

Previews

White Background



This preview shows how the Hex color 1D2966 looks on a white background.

Color Contrast Check

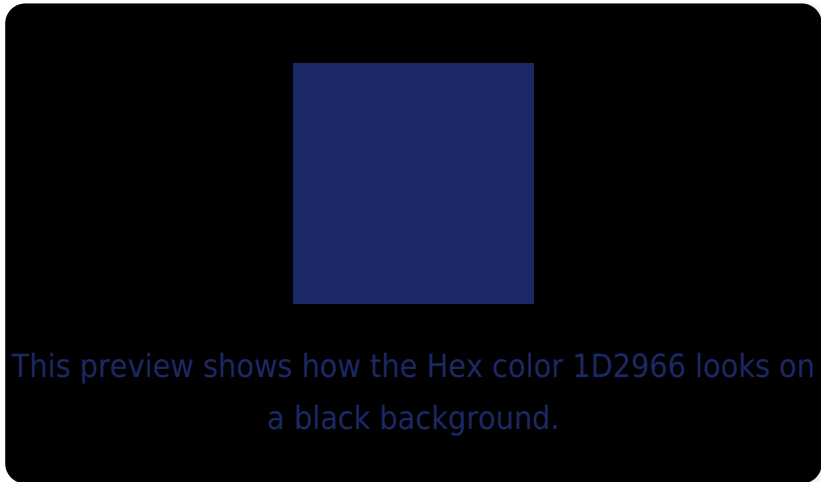
Large Text (above 18pt) WCAG AA ✓ Pass

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

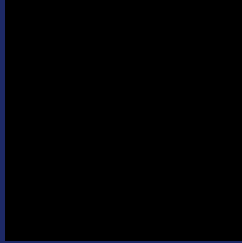
Any Text WCAG AA × Fail

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 1D2966 Background



This preview shows how black text looks on a background with the Hex color 1D2966.



This preview shows how white text looks on a background with the Hex color 1D2966.

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
1D2966

Protanopia
002D60

Deuteranopia
003053

Trichromacy



Original Color
1D2966

Protanomaly
0B2C62

Deuteranomaly
0B2D5A

Tritanomaly
0B3049

Monochromacy



Original Color
1D2966

Achromatopsia
2C2C2C

Achromatomaly
272B41

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D2966 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 #1D2966 looks like.

```
.text, #text, p{  
    color:#1D2966  
}
```

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 #1D2966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D2966
}
```

Border

The CSS property to change the border of an element to Hex 1D2966 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
#1D2966 }
```

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

```
.border{ border-color:#1D2966 }
```

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

Here you see how a box with a 4 pixel #1D2966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D2966; -webkit-box-shadow:4px 4px  
4px 4px #1D2966; box-shadow:4px 4px 4px  
4px #1D2966 }
```

Background

The CSS property to change the background color of an element to Hex 1D2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D2966 }
```

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

```
.background{ background-color:#1D2966 }
```

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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