

Converting Colors

Hex(1D1951)

Have a look what the booklet for
Hex(1D1951) contains.

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Color

Hex(1D1951)

Conversions

Conversions Part 1

Format	Color
Hex	1D1951
RGB	29, 25, 81
RGB Percent	11%, 10%, 32%
CMY	0.8863, 0.9020, 0.6824
CMYK	0.64, 0.69, 0.00, 0.68
HSL	244°, 53%, 21%
HSV	244°, 69%, 32%
XYZ	2.3395, 1.5506, 7.9606
YIQ	32.5800, -15.5920, 18.2640

Conversions

Conversions Part 2

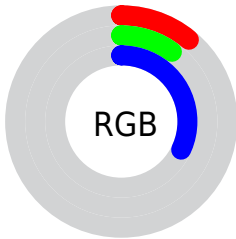
Format	Color
RYB	29, 25, 81
Decimal	1907025
CIELab	12.93, 20.76, -33.76
CIELCh	13, 39.632, 301.597
Yxy	1.5506, 0.1974, 0.1308
Android (android.graphics.Color)	4280097105 (0xFF1D1951)
YUV	32.5800, 23.8711, -3.1397
Hunter-Lab	12.4521, 11.7457, -29.1872




Details

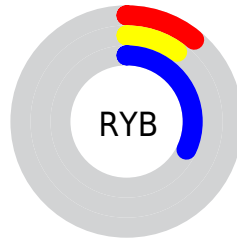
The Hex color **1D1951** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4D5119**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **4F4483**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **151151**, and if you desaturate by 10%, it is **252151**.

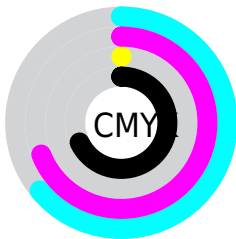
Distribution







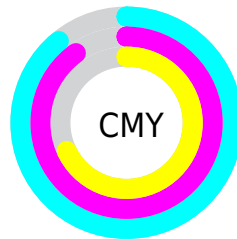
-  Red (11%)
-  Green (10%)
-  Blue (32%)






-  Red (11%)
-  Yellow (10%)
-  Blue (32%)



-  Cyan (64%)
-  Magenta (69%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (89%)
-  Magenta (90%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D1951 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 1D1951 by changing the saturation by 10% instead.

■ 1D1951

■ 1D1951

■ FFFDFF

■ 05003A

■ 4F4483

■ 000223

■ 695C9D

■ 00000B

■ 8375B8

■ 000000

■ 9E8ED4

■ BAA9F1

■ D6C4FF

■ F3E0FF

■ 1D1951

■ 1D1951

■ 151151

■ 252151

■ 0E0951

■ 2C2951

■ 060151

■ 343151

■ 060051

■ 3B3951

■ 434251

■ 4A4A51

■ 525251

■ 595A51

■ 616251

Harmonies

Analogous

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



002559



1D1951



42033C

Triad

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



1D1951



3F1500



002D22

Complementary

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



1D1951



4D5119

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.



002B00



1D1951



2A2100

Square

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



1D1951



4D0000



0C2800



002D3E

Rectangle

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



1D1951



4C002A



0C2800



002C18

Sweetspot

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



1D1951



545369



194D51



292836



B5B5B5



363636

Same Dimension

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



1D1951



181269



391951



252529



070069



1100E8

Inverse Universe

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



51194D



691262



315119



292529



690061



E800D7

Previews

White Background



This preview shows how the Hex color 1D1951 looks on a white background.

Color Contrast Check

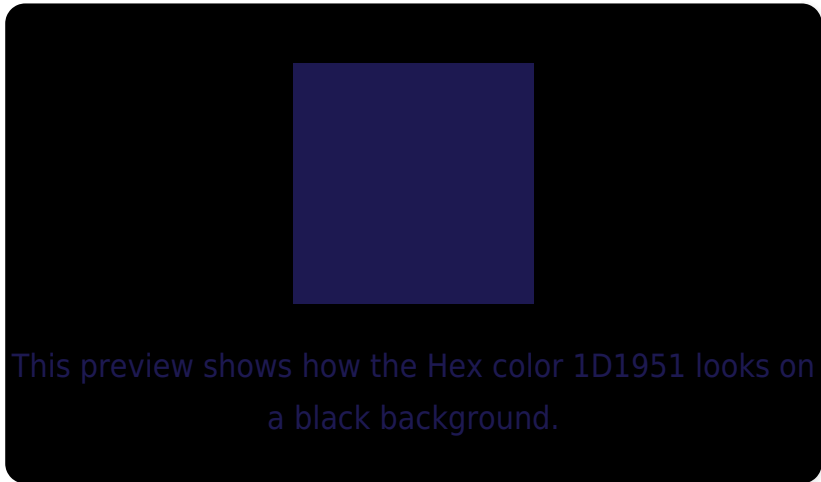
Large Text (above 18pt) WCAG AA ✓ Pass

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

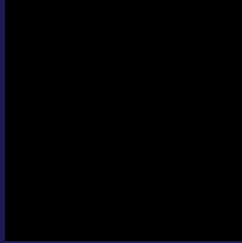
Any Text WCAG AA × Fail

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 1D1951 Background



This preview shows how black text looks on a background with the Hex color 1D1951.



This preview shows how white text looks on a background with the Hex color 1D1951.

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
1D1951

Protanopia
002145

Deuteranopia
00233B

Trichromacy



Original Color
1D1951

Protanomaly
0B1E49

Deuteranomaly
0B1F43

Tritanomaly
0B2138

Monochromacy



Original Color
1D1951

Achromatopsia
212121

Achromatomaly
201E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D1951 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 #1D1951 looks like.

```
.text, #text, p{  
    color:#1D1951  
}
```

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 #1D1951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D1951
}
```

Border

The CSS property to change the border of an element to Hex 1D1951 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
#1D1951 }
```

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

```
.border{ border-color:#1D1951 }
```

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

Here you see how a box with a 4 pixel #1D1951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D1951; -webkit-box-shadow:4px 4px  
4px 4px #1D1951; box-shadow:4px 4px 4px  
4px #1D1951 }
```

Background

The CSS property to change the background color of an element to Hex 1D1951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D1951 }
```

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

```
.background{ background-color:#1D1951 }
```

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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