

Converting Colors

Hex(1D3689)

Have a look what the booklet for
Hex(1D3689) contains.

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Color

Hex(1D3689)

Conversions

Conversions Part 1

Format	Color
Hex	1D3689
RGB	29, 54, 137
RGB Percent	11%, 21%, 54%
CMY	0.8863, 0.7882, 0.4627
CMYK	0.79, 0.61, 0.00, 0.46
HSL	226°, 65%, 33%
HSV	226°, 79%, 54%
XYZ	6.3412, 4.7057, 24.2410
YIQ	55.9870, -41.5430, 20.5130

Conversions

Conversions Part 2

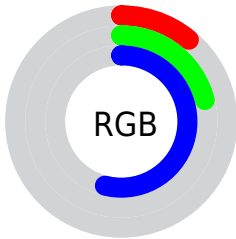
Format	Color
R_{YB}	29, 49, 137
Decimal	1914505
CIE _{Lab}	25.88, 22.28, -49.01
CIE _{LCh}	26, 53.836, 294.443
Yxy	4.7057, 0.1797, 0.1334
Android (android.graphics.Color)	4280104585 (0xFF1D3689)
YUV	55.9870, 39.9394, -23.6676
Hunter-Lab	21.6926, 14.2174, -51.0704

Details

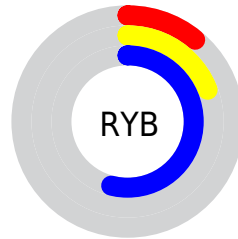
The Hex color **1D3689** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **89701D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5B64BF**, and **000E56** is the 20% darker color. If you saturate the color by 10%, you get **0F2B89**, and if you desaturate by 10%, it is **2B4189**.

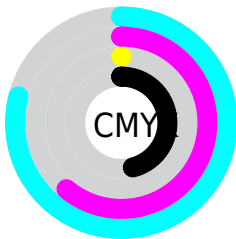
Distribution



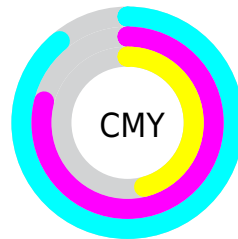
- Red (11%)
- Green (21%)
- Blue (54%)



- Red (11%)
- Yellow (19%)
- Blue (54%)



- Cyan (79%)
- Magenta (61%)
- Yellow (0%)
- Black (46%)



- Cyan (89%)
- Magenta (79%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D3689 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 1D3689 by changing the saturation by 10% instead.

■ 1D3689

■ 1D3689

FFFFFF

■ 00216F

■ 5B64BF

■ 000E56

■ 777DDB

■ 00033E

■ 9497F8

■ 000327

■ B0B2FF

■ 000111

■ CDCDFE

■ 000000

■ EAE9FF

■ 1D3689

■ 1D3689

■ 0F2B89

■ 2B4189

■ 022189

■ 384B89

■ 002089

■ 465689

■ 546089

■ 626B89

■ 6F7589

■ 7D8089

■ 8B8A89

■ 989589

Harmonies

Analogous

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



004590



1D3689



651C6E

Triad

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



1D3689



702500



004D34

Complementary

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



1D3689



89701D

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.



004B04



1D3689



533900

Square

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



1D3689



80001F



2C4500



004E5E

Rectangle

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



1D3689



790054



2C4500



004D26

Sweetspot

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



1D3689



8892B3



1D8970



3F4559



D9D9D9



595959

Same Dimension

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



1D3689



0930B3



3A1D89



3E4045



001F85



000105

Inverse Universe

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



891D36



B30930



6C891D



453E40



85001F



050001

Previews

White Background



This preview shows how the Hex color 1D3689 looks on a white background.

Color Contrast Check

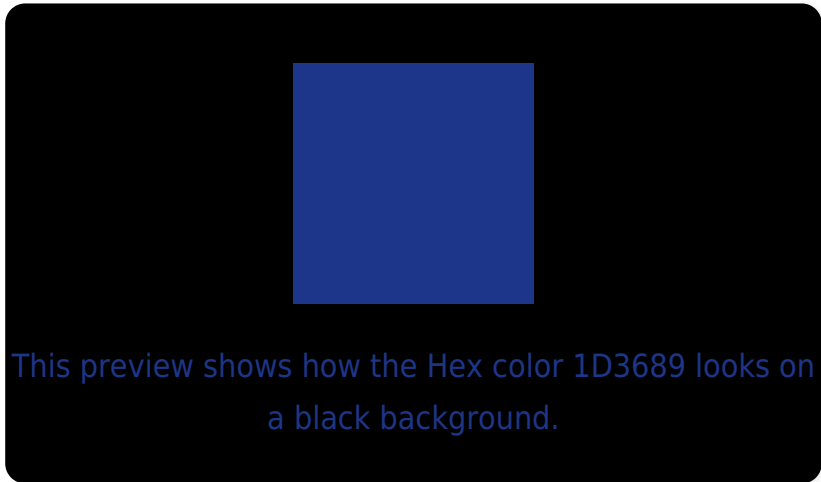
Large Text (above 18pt) WCAG AA ✓ Pass

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

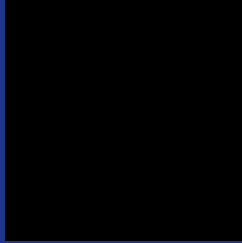
Any Text WCAG AA × Fail

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 1D3689 Background



This preview shows how black text looks on a background with the Hex color 1D3689.



This preview shows how white text looks on a background with the Hex color 1D3689.

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
1D3689

Protanopia
003B7D

Deuteranopia
003F6C

Trichromacy



Original Color
1D3689

Protanomaly
0B3981

Deuteranomaly
0B3C77

Tritanomaly
0B3F60

Monochromacy



Original Color
1D3689

Achromatopsia
383838

Achromatomaly
2E3755

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D3689 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 #1D3689 looks like.

```
.text, #text, p{  
    color:#1D3689  
}
```

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 #1D3689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D3689
}
```

Border

The CSS property to change the border of an element to Hex 1D3689 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
#1D3689 }
```

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

```
.border{ border-color:#1D3689 }
```

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

Here you see how a box with a 4 pixel #1D3689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D3689; -webkit-box-shadow:4px 4px  
4px 4px #1D3689; box-shadow:4px 4px 4px  
4px #1D3689 }
```

Background

The CSS property to change the background color of an element to Hex 1D3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D3689 }
```

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

```
.background{ background-color:#1D3689 }
```

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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