

Converting Colors

Hex(1D2775)

Have a look what the booklet for
Hex(1D2775) contains.

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Color

Hex(1D2775)

Conversions

Conversions Part 1

Format	Color
Hex	1D2775
RGB	29, 39, 117
RGB Percent	11%, 15%, 46%
CMY	0.8863, 0.8471, 0.5412
CMYK	0.75, 0.67, 0.00, 0.54
HSL	233°, 60%, 29%
HSV	233°, 75%, 46%
XYZ	4.4431, 2.9966, 17.1738
YIQ	44.9020, -30.9980, 22.1380

Conversions

Conversions Part 2

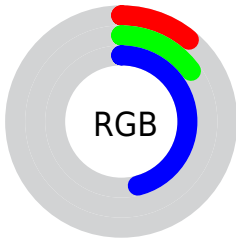
Format	Color
RYB	29, 38, 117
Decimal	1910645
CIELab	20.03, 24.81, -45.94
CIElCh	20, 52.212, 298.375
Yxy	2.9966, 0.1805, 0.1217
Android (android.graphics.Color)	4280100725 (0xFF1D2775)
YUV	44.9020, 35.5443, -13.9461
Hunter-Lab	17.3107, 15.5215, -46.7038

Details

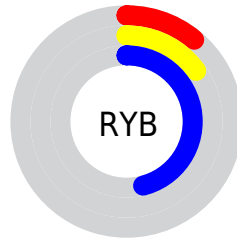
The Hex color **1D2775** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **756B1D**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5754AA**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **111D75**, and if you desaturate by 10%, it is **293175**.

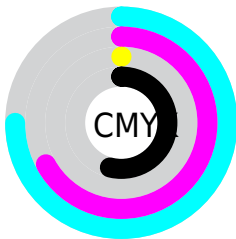
Distribution



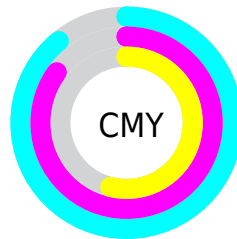
- Red (11%)
- Green (15%)
- Blue (46%)



- Red (11%)
- Yellow (15%)
- Blue (46%)



- Cyan (75%)
- Magenta (67%)
- Yellow (0%)
- Black (54%)



- Cyan (89%)
- Magenta (85%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D2775 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 1D2775 by changing the saturation by 10% instead.

■ 1D2775

■ 1D2775

FFFFFF

■ 00135C

■ 5754AA

■ 000044

■ 726CC6

■ 00032D

■ 8E86E2

■ 000117

■ AAA0FF

■ 000000

■ C6BBFF

■ E3D6FF

■ FFF3FF

■ 1D2775

■ 1D2775

■ 111D75

■ 293175

■ 061275

■ 343C75

■ 000D75

■ 404675

■ 4C5075

■ 585B75

■ 636575

■ 6F7075

■ 7B7A75

■ 868475

Harmonies

Analogous

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



00377E



1D2775



5A0559

Triad

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



1D2775



5B1C00



003F2D

Complementary

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



1D2775



756B1D

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.



003D00



1D2775



3E2E00

Square

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



1D2775



6C000E



173800



003F54

Rectangle

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



1D2775



6A0041



173800



003E20

Sweetspot

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



1D2775



767A99



1D756B



373A4D



CCCCCC



4D4D4D

Same Dimension

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



1D2775



0F1F99



3F1D75



35353B



000E7A



001CFA

Inverse Universe

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



751D27



990F1F



53751D



3B3535



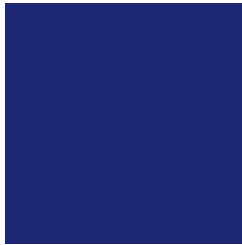
7A000E



FA001C

Previews

White Background



This preview shows how the Hex color 1D2775 looks on a white background.

Color Contrast Check

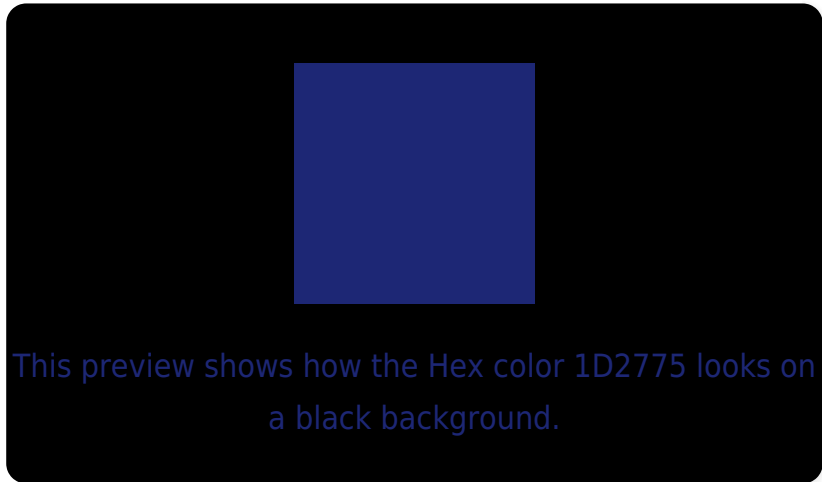
Large Text (above 18pt) WCAG AA ✓ Pass

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

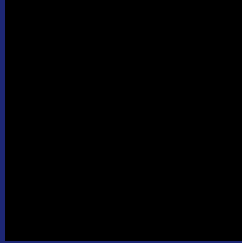
Any Text WCAG AA × Fail

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 1D2775 Background



This preview shows how black text looks on a background with the Hex color 1D2775.



This preview shows how white text looks on a background with the Hex color 1D2775.

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
1D2775

Protanopia
002F63

Deuteranopia
003255



Tritanopia
00363A

Trichromacy



Original Color
1D2775

Protanomaly
0B2C6A

Deuteranomaly
0B2E61

Tritanomaly
0B314F

Monochromacy



Original Color
1D2775

Achromatopsia
2D2D2D

Achromatomaly
272B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D2775 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 #1D2775 looks like.

```
.text, #text, p{  
    color:#1D2775  
}
```

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 #1D2775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D2775
}
```

Border

The CSS property to change the border of an element to Hex 1D2775 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
#1D2775 }
```

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

```
.border{ border-color:#1D2775 }
```

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

Here you see how a box with a 4 pixel #1D2775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D2775; -webkit-box-shadow:4px 4px  
4px 4px #1D2775; box-shadow:4px 4px 4px  
4px #1D2775 }
```

Background

The CSS property to change the background color of an element to Hex 1D2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D2775 }
```

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

```
.background{ background-color:#1D2775 }
```

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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