

Converting Colors

Hex(1602D2)

Have a look what the booklet for
Hex(1602D2) contains.

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Color

Hex(1602D2)

Conversions

Conversions Part 1

Format	Color
Hex	1602D2
RGB	22, 2, 210
RGB Percent	9%, 1%, 82%
CMY	0.9137, 0.9922, 0.1765
CMYK	0.90, 0.99, 0.00, 0.18
HSL	246°, 98%, 42%
HSV	246°, 99%, 82%
XYZ	11.9854, 4.8671, 61.2805
YIQ	31.6920, -54.8480, 68.9280

Conversions

Conversions Part 2

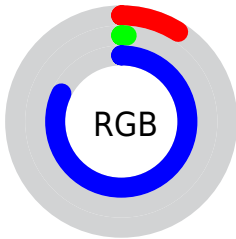
Format	Color
RYB	22, 2, 210
Decimal	1442514
CIELab	26.35, 68.18, -92.10
CIElCh	26, 114.592, 306.509
Yxy	4.8671, 0.1534, 0.0623
Android (android.graphics.Color)	4279632594 (0xFF1602D2)
YUV	31.6920, 87.9058, -8.4999
Hunter-Lab	22.0616, 58.3663, -149.2469

Details

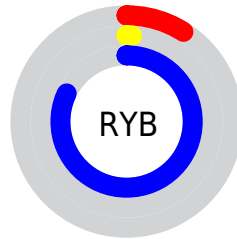
The Hex color **1602D2** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **BED202**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7142FF**, and **00009A** is the 20% darker color. If you saturate the color by 10%, you get **1400D2**, and if you desaturate by 10%, it is **2917D2**.

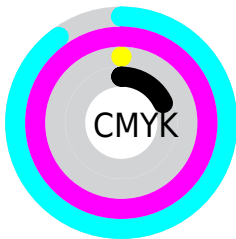
Distribution



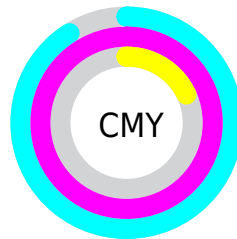
- Red (9%)
- Green (1%)
- Blue (82%)



- Red (9%)
- Yellow (1%)
- Blue (82%)



- Cyan (90%)
- Magenta (99%)
- Yellow (0%)
- Black (18%)



- Cyan (91%)
- Magenta (99%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1602D2 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 1602D2 by changing the saturation by 10% instead.

 1602D2

 1602D2


FFFFFF

 0000B5

 7142FF

 00009A

 925DFF

 00007F

 B277FF

 000964

 D292FF

 00094B

 F2AEFF

 000434

 FFCBFF

 00021D

 FFE7FF

 000000

 1602D2

 1602D2

■ 1400D2

■ 2917D2

■ 3C2CD2

■ 4F41D2

■ 6256D2

■ 756BD2

■ 8880D2

■ 9B95D2

■ AEAAD2

■ C1BFD2

Harmonies

Analogous

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



004CF7



1602D2



A90087

Triad

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



1602D2



810C00



005751

Complementary

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



1602D2



BED202

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.



005400



1602D2



3C4300

Square

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



1602D2



B00000



005000



005AA9

Rectangle

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



1602D2



C1004D



005000



005632

Sweetspot

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



1602D2



BAB3FF



02C1D2



565280



000000



808080

Same Dimension

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



1602D2



1900FF



7B02D2



5F5E69



1000A8



040029

Inverse Universe

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



D202BE



FF00E6



59D202



695E68



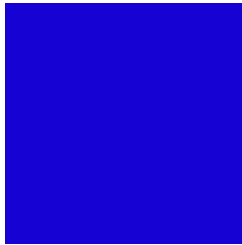
A80098



290025

Previews

White Background



This preview shows how the Hex color 1602D2 looks on a white background.

Color Contrast Check

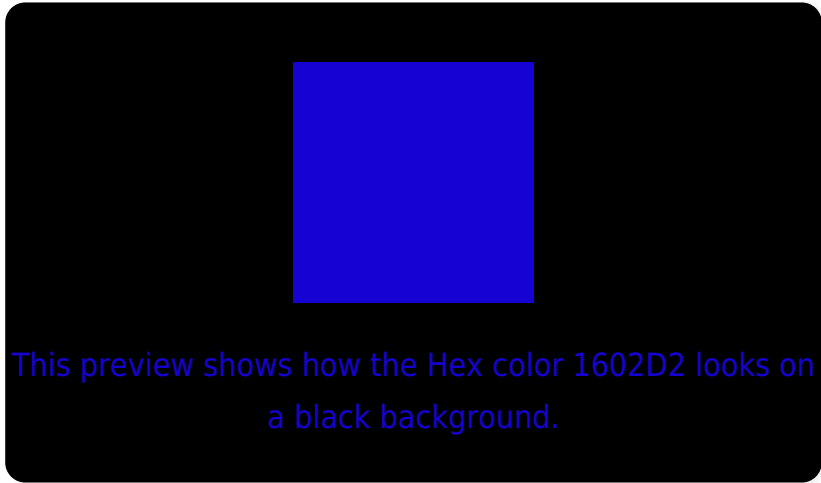
Large Text (above 18pt) WCAG AA ✓ Pass

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

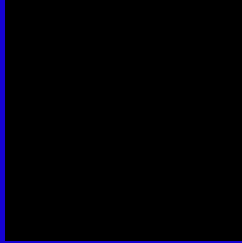
Any Text WCAG AA × Fail

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 1602D2 Background



This preview shows how black text looks on a background with the Hex color 1602D2.



This preview shows how white text looks on a background with the Hex color 1602D2.

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
1602D2

Protanopia
003E82

Deuteranopia
00426E



Tritanopia
00474A

Trichromacy



Original Color
1602D2

Protanomaly
08289F

Deuteranomaly
082B92

Tritanomaly
082E7B

Monochromacy



Original Color
1602D2

Achromatopsia
202020

Achromatomaly
1C1561

CSS Examples

Text

The CSS property to change the color of the text to Hex 1602D2 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 #1602D2 looks like.

```
.text, #text, p{  
    color:#1602D2  
}
```

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 #1602D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1602D2
}
```

Border

The CSS property to change the border of an element to Hex 1602D2 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
#1602D2 }
```

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

```
.border{ border-color:#1602D2 }
```

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

Here you see how a box with a 4 pixel #1602D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1602D2; -webkit-box-shadow:4px 4px  
4px 4px #1602D2; box-shadow:4px 4px 4px  
4px #1602D2 }
```

Background

The CSS property to change the background color of an element to Hex 1602D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1602D2 }
```

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

```
.background{ background-color:#1602D2 }
```

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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