

Converting Colors

Hex(1601C5)

Have a look what the booklet for
Hex(1601C5) contains.

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Color

Hex(1601C5)

Conversions

Conversions Part 1

Format	Color
Hex	1601C5
RGB	22, 1, 197
RGB Percent	9%, 0%, 77%
CMY	0.9137, 0.9961, 0.2275
CMYK	0.89, 0.99, 0.00, 0.23
HSL	246°, 99%, 39%
HSV	246°, 99%, 77%
XYZ	10.4198, 4.2235, 53.0894
YIQ	29.6230, -50.4000, 65.4080

Conversions

Conversions Part 2

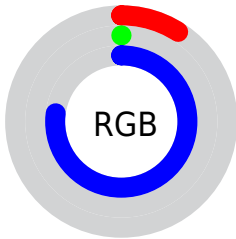
Format	Color
R_{YB}	22, 1, 197
Decimal	1442245
CIE _{Lab}	24.40, 65.18, -87.76
CIE _{LCh}	24, 109.318, 306.598
Yxy	4.2235, 0.1538, 0.0624
Android (android.graphics.Color)	4279632325 (0xFF1601C5)
YUV	29.6230, 82.5169, -6.6854
Hunter-Lab	20.5512, 54.5379, -138.7768

Details

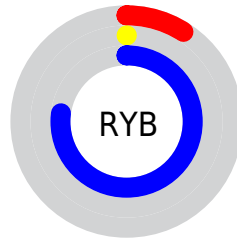
The Hex color **1601C5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B0C501**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6D40FF**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **1500C5**, and if you desaturate by 10%, it is **2815C5**.

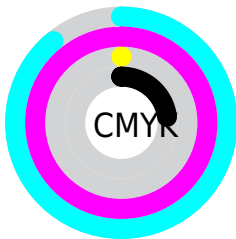
Distribution



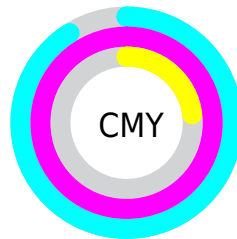
- Red (9%)
- Green (0%)
- Blue (77%)



- Red (9%)
- Yellow (0%)
- Blue (77%)



- Cyan (89%)
- Magenta (99%)
- Yellow (0%)
- Black (23%)



- Cyan (91%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1601C5 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 1601C5 by changing the saturation by 10% instead.

■ 1601C5

■ 1601C5

FFFFFF

■ 0000A9

■ 6D40FF

■ 00008D

■ 8E5AFF

■ 000073

■ AE74FF

■ 000D59

■ CD8FFF

■ 000740

■ ECABFF

■ 000329

■ FFC7FF

■ 000114

■ FFE4FF

■ 000000

■ 1601C5

■ 1601C5

■ 1500C5

■ 2815C5

■ 3928C5

■ 4B3CC5

■ 5C50C5

■ 6E64C5

■ 8077C5

■ 918BC5

■ A39FC5

■ B4B2C5

Harmonies

Analogous

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



0047E8



1601C5



9F007E

Triad

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



1601C5



780B00



00514C

Complementary

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



1601C5



B0C501

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.



004F00



1601C5



383E00

Square

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



1601C5



A50000



004B00



00549E

Rectangle

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



1601C5



B60048



004B00



00502E

Sweetspot

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



1601C5



BBB3FF



01B1C5



575280



000000



808080

Same Dimension

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



1601C5



1B00FF



7701C5



5B5A63



1100A3



040024

Inverse Universe

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



C501B0



FF00E4



4FC501



635A62



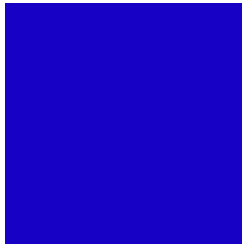
A30092



240020

Previews

White Background



This preview shows how the Hex color 1601C5 looks on a white background.

Color Contrast Check

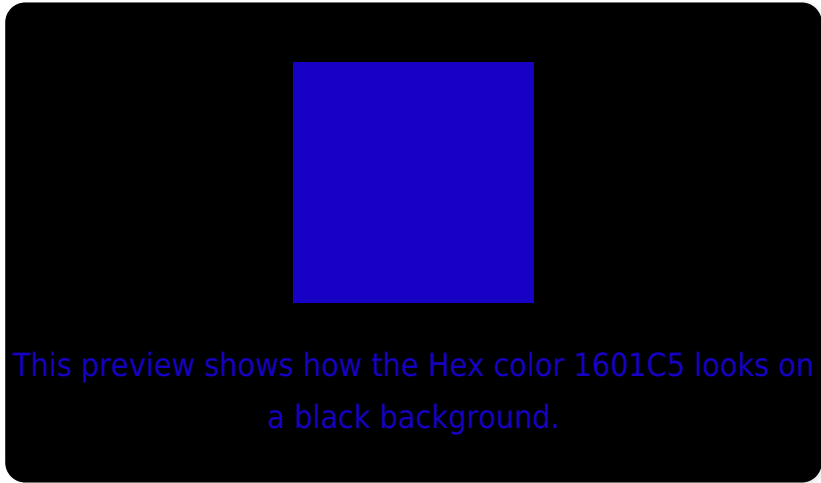
Large Text (above 18pt) WCAG AA ✓ Pass

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

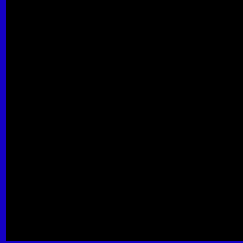
Any Text WCAG AA × Fail

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 1601C5 Background



This preview shows how black text looks on a background with the Hex color 1601C5.



This preview shows how white text looks on a background with the Hex color 1601C5.

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
1601C5

Protanopia
003A7A

Deuteranopia
003E67

Trichromacy



Original Color
1601C5

Protanomaly
082595

Deuteranomaly
082889

Tritanomaly
082B74

Monochromacy



Original Color
1601C5

Achromatopsia
1E1E1E

Achromatomaly
1B135B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1601C5 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 #1601C5 looks like.

```
.text, #text, p{  
    color:#1601C5  
}
```

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 #1601C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1601C5
}
```

Border

The CSS property to change the border of an element to Hex 1601C5 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
#1601C5 }
```

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

```
.border{ border-color:#1601C5 }
```

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

Here you see how a box with a 4 pixel #1601C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1601C5; -webkit-box-shadow:4px 4px  
4px 4px #1601C5; box-shadow:4px 4px 4px  
4px #1601C5 }
```

Background

The CSS property to change the background color of an element to Hex 1601C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1601C5 }
```

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

```
.background{ background-color:#1601C5 }
```

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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