

Converting Colors

Hex(1646D4)

Have a look what the booklet for
Hex(1646D4) contains.

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Color

Hex(1646D4)

Conversions

Conversions Part 1

Format	Color
Hex	1646D4
RGB	22, 70, 212
RGB Percent	9%, 27%, 83%
CMY	0.9137, 0.7255, 0.1686
CMYK	0.90, 0.67, 0.00, 0.17
HSL	225°, 81%, 46%
HSV	225°, 90%, 83%
XYZ	14.4047, 9.3044, 63.3241
YIQ	71.8360, -74.1900, 33.9860

Conversions

Conversions Part 2

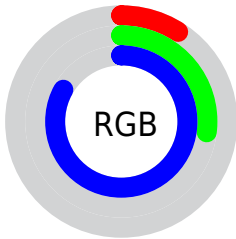
Format	Color
R_{YB}	22, 60, 212
Decimal	1459924
CIE _{Lab}	36.56, 40.01, -76.31
CIE _{LCh}	37, 86.167, 297.667
Yxy	9.3044, 0.1655, 0.1069
Android (android.graphics.Color)	4279650004 (0xFF1646D4)
YUV	71.8360, 69.1009, -43.7062
Hunter-Lab	30.5030, 30.9142, -101.7334

Details

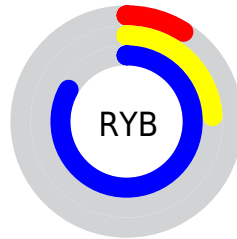
The Hex color **1646D4** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D4A416**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6C76FF**, and **001C9C** is the 20% darker color. If you saturate the color by 10%, you get **0136D4**, and if you desaturate by 10%, it is **2B56D4**.

Distribution



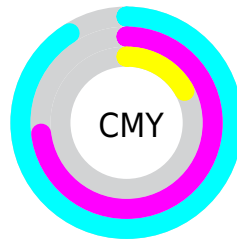
- Red (9%)
- Green (27%)
- Blue (83%)



- Red (9%)
- Yellow (24%)
- Blue (83%)



- Cyan (90%)
- Magenta (67%)
- Yellow (0%)
- Black (17%)



- Cyan (91%)
- Magenta (73%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1646D4 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 1646D4 by changing the saturation by 10% instead.

■ 1646D4

■ 1646D4

FFFFFF

■ 0030B8

■ 6C76FF

■ 001C9C

■ 8D90FF

■ 000B81

■ ACAAFF

■ 000067

■ CBC6FF

■ 000A4E

■ EAE2FF

■ 000536

FFFEFF

■ 000220

■ 000003

■ 000000

■ 1646D4

■ 1646D4

■ 0136D4

■ 2B56D4

■ 0036D4

■ 4066D4

■ 5676D4

■ 6B85D4

■ 8095D4

■ 95A5D4

■ AAB5D4

■ C0C5D4

■ D5D5D4

Harmonies

Analogous

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



0063E5



1646D4



9F00A2

Triad

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



1646D4



A12C00



006F4F

Complementary

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



1646D4



D4A416

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.



006B00



1646D4



6E5200

Square

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



1646D4



C1001C



236400



007096

Rectangle

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



1646D4



BD0076



236400



006E36

Sweetspot

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



1646D4



BACCFE



16D4A1



576180



000000



808080

Same Dimension

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



1646D4



0040FF



4216D4



60636B



002BAB



000B2B

Inverse Universe

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



D41646



FF0040



A8D416



6B6063



AB002B



2B000B

Previews

White Background



This preview shows how the Hex color 1646D4 looks on a white background.

Color Contrast Check

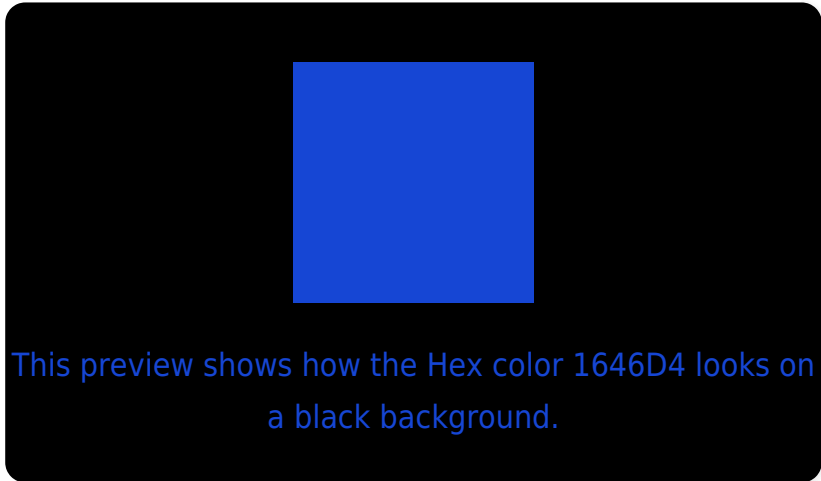
Large Text (above 18pt) WCAG AA ✓ Pass

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

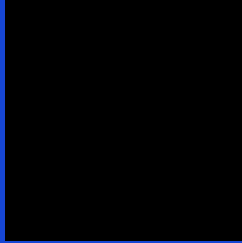
Any Text WCAG AA × Fail

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 1646D4 Background



This preview shows how black text looks on a background with the Hex color 1646D4.



This preview shows how white text looks on a background with the Hex color 1646D4.

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





Tritanopia
005F64

Trichromacy



Original Color
1646D4

Protanomaly
084EBC

Deuteranomaly
0851AB

Tritanomaly
08568D

Monochromacy



Original Color
1646D4

Achromatopsia
484848

Achromatomaly
36477B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1646D4 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 #1646D4 looks like.

```
.text, #text, p{  
    color:#1646D4  
}
```

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 #1646D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1646D4
}
```

Border

The CSS property to change the border of an element to Hex 1646D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

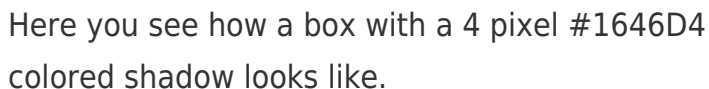
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1646D4 }
```

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

```
.border{ border-color:#1646D4 }
```

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



Here you see how a box with a 4 pixel #1646D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1646D4; -webkit-box-shadow:4px 4px  
4px 4px #1646D4; box-shadow:4px 4px 4px  
4px #1646D4 }
```

Background

The CSS property to change the background color of an element to Hex 1646D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1646D4 }
```

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

```
.background{ background-color:#1646D4 }
```

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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