

# Converting Colors

Hex(1641CC)

Have a look what the booklet for  
Hex(1641CC) contains.

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# Color

**Hex(1641CC)**

# Conversions

Conversions Part 1	
Format	Color
Hex	1641CC
RGB	22, 65, 204
RGB Percent	9%, 25%, 80%
CMY	0.9137, 0.7451, 0.2000
CMYK	0.89, 0.68, 0.00, 0.20
HSL	226°, 81%, 44%
HSV	226°, 89%, 80%
XYZ	13.1203, 8.3108, 58.0394
YIQ	67.9890, -70.2470, 34.1130

# Conversions

## Conversions Part 2

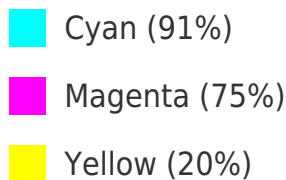
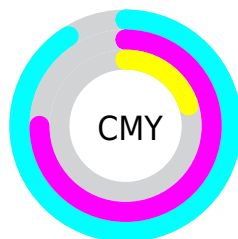
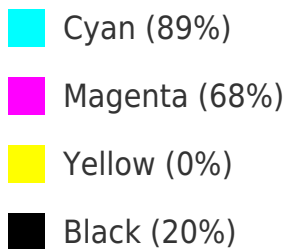
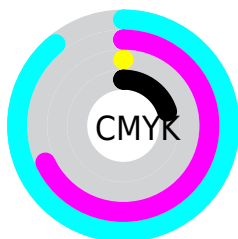
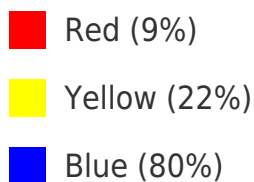
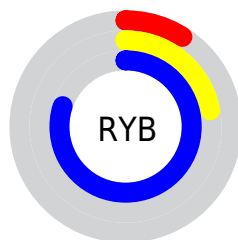
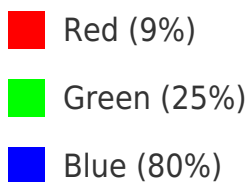
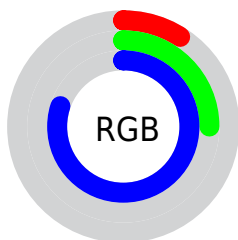
Format	Color
<a href="#">RYB</a>	<a href="#">22, 57, 204</a>
Decimal	<a href="#">1458636</a>
CIELab	<a href="#">34.62, 40.21, -74.88</a>
CIELCh	<a href="#">35, 84.996, 298.234</a>
Yxy	<a href="#">8.3108, 0.1651, 0.1046</a>
Android (android.graphics.Color)	<a href="#">4279648716</a> (0xFF1641CC)
YUV	<a href="#">67.9890, 67.0534, -40.3324</a>
Hunter-Lab	<a href="#">28.8285, 30.7882, -99.1867</a>

# Details

The Hex color **1641CC** 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 **CCA116**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6A71FF**, and **001794** is the 20% darker color. If you saturate the color by 10%, you get **0231CC**, and if you desaturate by 10%, it is **2A51CC**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 1641CC 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 1641CC by changing the saturation by 10% instead.



 1641CC

 1641CC

FFFFFF

 002BB0

 6A71FF

 001794

 8A8AFF

 00047A

 AAA5FF

 000260

 C8C0FF

 000847

 E7DCFF

 000430

 FFF8FF

 00011A

 000000

 1641CC

 1641CC

 0231CC

 2A51CC

 0030CC

 3F60CC

 5370CC

 687FCC

 7C8FCC

 909ECC

 A5AECC

 B9BECC

 CEDDCC

# Harmonies

## Analogous

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



005EDD



1641CC



99009A

# Triad

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



1641CC



992900



00694C

# Complementary

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



1641CC



CCA116

# 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.



006600



1641CC



684E00

# Square

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



1641CC



B90017



1B5F00



006B91

# Rectangle

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



1641CC



B6006F



1B5F00



006833



# Sweetspot

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



1641CC



BACAFF



16CC9F



576080



000000



808080



# Same Dimension

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



1641CC



003CFF



4416CC



5C5E66



0027A6



000926



# Inverse Universe

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



CC1641



FF003C



9FCC16



665C5E



A60027



260009



# Previews

## White Background



This preview shows how the Hex color 1641CC looks on a white background.

## Color Contrast Check

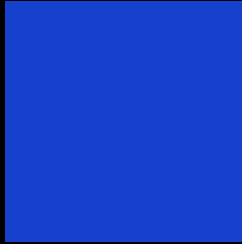
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Hex color 1641CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

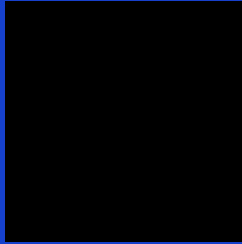
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1641CC Background



This preview shows how black text looks on a background with the Hex color 1641CC.



This preview shows how white text looks on a background with the Hex color 1641CC.

# 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**  
1641CC





**Protanopia**  
004EA5

**Deuteranopia**  
00538D






**Tritanopia**  
005A5F

# Trichromacy

	<b>Original Color</b> 1641CC
	<b>Protanomaly</b> 0849B3
	<b>Deuteranomaly</b> 084CA4
	<b>Tritanomaly</b> 085187

# Monochromacy

	<b>Original Color</b> 1641CC
	<b>Achromatopsia</b> 444444
	<b>Achromatomaly</b> 334375

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1641CC 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 #1641CC looks like.

```
.text, #text, p{  
    color:#1641CC  
}
```

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 #1641CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1641CC
}
```

## Border

The CSS property to change the border of an element to Hex 1641CC 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
#1641CC }
```

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

```
.border{ border-color:#1641CC }
```

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

Here you see how a box with a 4 pixel #1641CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1641CC; -webkit-box-shadow:4px 4px  
4px 4px #1641CC; box-shadow:4px 4px 4px  
4px #1641CC }
```

# Background

The CSS property to change the background color of an element to Hex 1641CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1641CC }
```

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

```
.background{ background-color:#1641CC }
```

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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