

Converting Colors

HunterLab(21.7383, 45.3261,
-125.0171)

Have a look what the booklet for
HunterLab(21.7383, 45.3261,
-125.0171) contains.

HunterLab(21.7383, 45.3261, -125.0171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(21.7383, 45.3261,
-125.0171)**

Conversions

Conversions Part 1

Format	Color
Hex	001CC2
RGB	0, 28, 194
RGB Percent	0%, 11%, 76%
CMY	0.9998, 0.8902, 0.2392
CMYK	1.00, 0.86, 0.00, 0.24
HSL	231°, 100%, 38%
HSV	231°, 100%, 76%
XYZ	10.1528, 4.7255, 51.4159
YIQ	38.5520, -69.9740, 45.6900

Conversions

Conversions Part 2

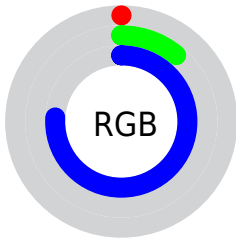
Format	Color
R_{YB}	0, 24, 194
Decimal	7362
CIE _{Lab}	25.94, 56.47, -83.44
CIE _{LCh}	26, 100.752, 304.093
Yxy	4.7255, 0.1532, 0.0713
Android (android.graphics.Color)	4278197442 (0xFF001CC2)
YUV	38.5520, 76.6359, -33.8101
Hunter-Lab	21.7383, 45.3261, -125.0171

Details

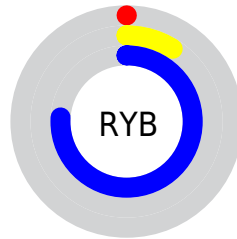
The HunterLab color **21.7383, 45.3261, -125.0171** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **62.2566, -6.0376, 38.2554**, and the grayscale version is **13.8799, -0.7406, 0.7541**.

A 20% lighter version of the original color is **38.9369, 49.6966, -115.3729**, and **13.6531, 37.0341, -97.0113** is the 20% darker color. If you saturate the color by 10%, you get **21.7339, 45.3430, -125.0481**, and if you desaturate by 10%, it is **24.2574, 38.0375, -109.1364**.

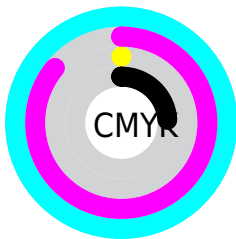
Distribution



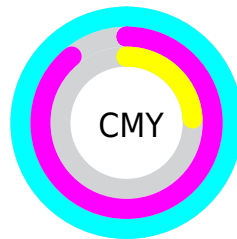
- Red (0%)
- Green (11%)
- Blue (76%)



- Red (0%)
- Yellow (9%)
- Blue (76%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (89%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7383, 45.3261, -125.0171 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 HunterLab color 21.7383, 45.3261, -125.0171 by changing the saturation by 10% instead.

■ 21.7383, 45.3261,
-125.0171

■ 21.7383, 45.3261,
-125.0171

121.3021, 61.1222,
-115.0340

■ 14.4470, 43.4608,
-138.2903

■ 39.0166, 49.4369,
-115.0563

■ 8.1079, 43.4870,
-171.7849

■ 48.8373, 51.4099,
-113.3677

0.0000, INF, -NF

0.0000, NaN, -NF

■ 59.3665, 53.2835,
-112.6740

0.0000, NaN, -NF

■ 70.5596, 55.0516,
-112.5928

0.0000, NaN, -NF

■ 82.3792, 56.7152,
-112.9022

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 94.7938, 58.2781,

-113.4658

0.0000, NaN, NaN

107.7760, 59.7454,
-114.1958

21.7383, 45.3261,
-125.0171

21.7383, 45.3261,
-125.0171

21.7339, 45.3430,
-125.0481

24.2574, 38.0375,
-109.1364

27.7172, 30.3719,
-91.5671

31.9736, 23.3612,
-74.5328

36.8487, 17.3298,
-59.1132

42.2028, 12.2500,
-45.4843

■ 47.9347, 7.9746,
-33.4529

■ 53.9723, 4.3434,
-22.7343

■ 60.2634, 1.2188,
-13.0593

■ 66.7700, -1.5089,
-4.2044

Harmonies

Analogous

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



21.7383, 3.4174, -176.3299



21.7383, 45.3261, -125.0171



21.7383, 86.7661, -43.2183

Triad

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



21.7383, 45.3294, -125.0174



21.7383, 32.8767, 15.2168



21.7383, -35.7756, -3.4335

Complementary

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



21.7383, 45.3261, -125.0171



62.2566, -6.0376, 38.2554

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.



21.7383, -33.7974, 15.0833



21.7383, 45.3261, -125.0171



21.7383, -5.3894, 15.2168

Square

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



21.7383, 45.3294, -125.0174



21.7383, 77.1065, 15.2168



21.7383, -26.0532, 15.2168



21.7383, -32.3561, -64.0678

Rectangle

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



21.7383, 45.3261, -125.0171



21.7383, 100.4705, -5.7617



21.7383, -26.0532, 15.2168



21.7383, -35.7198, 6.3965

Sweetspot

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



21.7383, 45.3294, -125.0174



72.2351, 6.0716, -31.2813



64.2628, -40.0317, 6.0962



32.1499, 3.7885, -17.4675

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



21.7383, 45.3294, -125.0174



28.8824, 62.4593, -170.9322



22.6324, 55.9581, -118.7814



31.5864, -0.7829, -1.7328



17.8319, 35.9787, -99.9561



4.6299, 4.5616, -15.6342

Inverse Universe

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



33.9913, 58.4510, 20.0529



45.7267, 78.5920, 27.3483



65.5958, -38.8351, 39.7389



31.7821, 1.2809, 2.1362



27.5740, 47.4478, 16.0613



5.7990, 10.1115, 2.3476

Previews

White Background



This preview shows how the HunterLab color 21.7383, 45.3261, -125.0171 looks on a white background.

Color Contrast Check

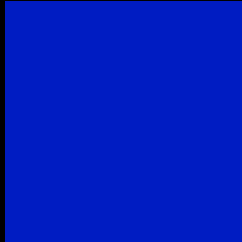
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 21.7383, 45.3261, -125.0171 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](#).

HunterLab 21.7383, 45.3261, -125.0171 Background



This preview shows how black text looks on a background with the HunterLab color 21.7383, 45.3261, -125.0171.



This preview shows how white text looks on a background with the HunterLab color 21.7383, 45.3261, -125.0171.

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

21.7383, 45.3261, -125.0171

Protanopia

21.7671, 6.0403, -40.2463

Deuteranopia

21.7447, -1.2180, -24.5497



Tritanopia

21.7350, -10.9528, -3.5229

Trichromacy



Original Color

21.7383, 45.3261, -125.0171

Protanomaly

20.8525, 20.3719, -70.0408

Deuteranomaly

20.5712, 14.7102, -57.4672

Tritanomaly

19.7466, 5.8641, -37.3405

Monochromacy



Original Color

21.7383, 45.3261, -125.0171

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.9498, 10.4637, -33.5420

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7383, 45.3261, -125.0171 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 `rgb(0, 28, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 194)  
}
```

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 rgb(0, 28, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7383, 45.3261, -125.0171 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 rgb(0, 28, 194) }
```


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

```
.border{ border-color:rgb(0, 28, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 28, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 28, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 28, 194)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7383, 45.3261, -125.0171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 28, 194) }
```

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

```
.background{ background-color: rgb(0, 28,  
194) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor