

Converting Colors

HunterLab(19.7953, 19.3792,
-82.3905)

Have a look what the booklet for
HunterLab(19.7953, 19.3792,
-82.3905) contains.

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Color

**HunterLab(21.1361, 22.9927,
-76.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	002F9D
RGB	0, 47, 157
RGB Percent	0%, 18%, 62%
CMY	0.9999, 0.8157, 0.3843
CMYK	1.00, 0.70, 0.00, 0.38
HSL	222°, 100%, 31%
HSV	222°, 100%, 62%
XYZ	7.1023, 4.4673, 32.3862
YIQ	45.4870, -63.3220, 24.2460

Conversions

Conversions Part 2

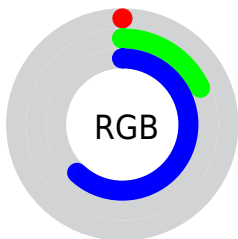
Format	Color
RYB	0, 36, 157
Decimal	12189
CIELab	25.16, 33.19, -62.54
CIELCh	25, 70.800, 297.954
Yxy	4.4674, 0.1616, 0.1016
Android (android.graphics.Color)	4278202269 (0xFF002F9D)
YUV	45.4870, 54.9759, -39.8921
Hunter-Lab	21.1361, 22.9927, -76.0530

Details

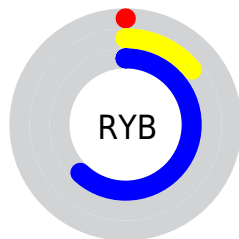
The HunterLab color **21.1361, 22.9927, -76.0530** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **42.8087, 6.3260, 26.4883**, and the grayscale version is **16.2014, -0.8645, 0.8803**.

A 20% lighter version of the original color is **38.3504, 25.7390, -73.2406**, and **10.7305, 24.0509, -65.3311** is the 20% darker color. If you saturate the color by 10%, you get **21.1325, 23.0029, -76.0706**, and if you desaturate by 10%, it is **23.5972, 17.7679, -65.2961**.

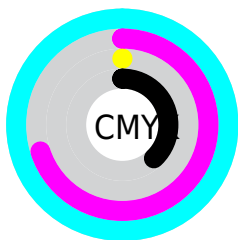
Distribution



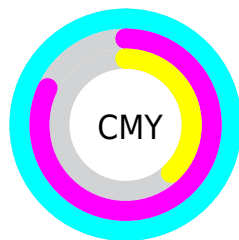
- Red (0%)
- Green (18%)
- Blue (62%)



- Red (0%)
- Yellow (14%)
- Blue (62%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1361, 22.9927, -76.0530 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 21.1361, 22.9927, -76.0530 by changing the saturation by 10% instead.

■ 21.1361, 22.9927,
-76.0530

■ 21.1361, 22.9927,
-76.0530

■ 120.2308, 31.6520,
-77.3017

■ 13.9223, 21.4490,
-81.3443

■ 38.2839, 25.7039,
-73.1249

■ 7.5582, 21.3403,
-98.3744

■ 48.0472, 26.8605,
-73.1029

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.5231, 27.8984,
-73.4821

0.0000, NaN, -NF

■ 69.6659, 28.8288,
-74.0884

0.0000, NaN, -NF

■ 81.4380, 29.6613,
-74.8228

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.8073, 30.4047,

-75.6257

0.0000, NaN, NaN

106.7462, 31.0662,
-76.4600

■ 21.1361, 22.9927,
-76.0530

■ 21.1361, 22.9927,
-76.0530

■ 21.1325, 23.0029,
-76.0706

■ 23.5972, 17.7679,
-65.2961

■ 26.4364, 13.1008,
-55.0205

■ 29.6304, 9.1894,
-45.4092

■ 33.1189, 5.9970,
-36.5924

■ 36.8520, 3.4328,
-28.5522

■ 40.7903, 1.3964,
-21.2061

■ 44.9031, -0.2044,
-14.4531

■ 49.1665, -1.4471,
-8.1956

■ 53.5615, -2.3952,
-2.3476

Harmonies

Analogous

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



21.1363, -2.6401, -93.8769



21.1361, 22.9927, -76.0530



21.1363, 48.9566, -34.0137

Triad

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



21.1363, 22.9945, -76.0526



21.1363, 26.8141, 14.7954



21.1363, -29.1966, 2.5574

Complementary

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



21.1361, 22.9927, -76.0530



42.8087, 6.3260, 26.4883

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.



21.1363, -26.5970, 13.6554



21.1361, 22.9927, -76.0530



21.1363, 0.4260, 14.7954

Square

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



21.1363, 22.9945, -76.0526



21.1363, 51.7312, 12.7966



21.1363, -17.7233, 14.7954



21.1363, -27.2539, -28.3413

Rectangle

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



21.1361, 22.9927, -76.0530



21.1363, 59.3740, -9.2704



21.1363, -17.7233, 14.7954



21.1363, -28.8601, 8.0222

Sweetspot

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



21.1363, 22.9945, -76.0526



59.7586, -0.1606, -19.8586



50.2374, -35.0919, 12.9627



27.0159, 0.2926, -10.9351



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



21.1363, 22.9945, -76.0526



27.7524, 32.2836, -104.3791



16.5310, 43.0267, -103.4667



25.9669, -1.1827, -0.9317



19.1974, 20.3051, -67.8279



3.6707, 0.2905, -5.2152

Inverse Universe

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



27.1549, 47.2542, 11.6884



36.2971, 63.0894, 16.2486



53.4039, -24.5914, 32.4759



25.8403, 1.1357, 1.2752



24.4832, 42.6325, 10.3604



3.3783, 6.0824, -0.1192

Previews

White Background



This preview shows how the HunterLab color 21.1361, 22.9927, -76.0530 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 21.1361, 22.9927, -76.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

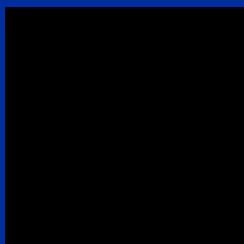
Any Text WCAG AA × Fail

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 21.1361, 22.9927, -76.0530 Background



This preview shows how black text looks on a background with the HunterLab color 21.1361, 22.9927, -76.0530.



This preview shows how white text looks on a background with the HunterLab color 21.1361, 22.9927, -76.0530.

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

21.1361, 22.9927, -76.0530

Protanopia

21.1096, 6.0832, -39.5172

Deuteranopia

21.0825, -1.1537, -23.8609



Tritanopia

21.1406, -10.4456, -3.8748

Trichromacy



Original Color

21.1361, 22.9927, -76.0530

Protanomaly

20.9466, 11.8517, -51.7658

Deuteranomaly

20.8718, 6.5628, -40.2551

Tritanomaly

20.4720, -0.8259, -23.8054

Monochromacy



Original Color

21.1361, 22.9927, -76.0530

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.9914, 3.4975, -20.1898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1361, 22.9927, -76.0530 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, 47, 157)` looks like.

```
.text, #text, p{  
    color:rgb(0, 47, 157)  
}
```

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, 47, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 47, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1361, 22.9927, -76.0530 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, 47, 157) }
```


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

```
.border{ border-color:rgb(0, 47, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 47, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 47, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 47, 157);  
box-shadow:4px 4px 4px 4px rgb(0, 47, 157)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1361, 22.9927, -76.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 47, 157) }
```

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

```
.background{ background-color: rgb(0, 47,  
157) }
```

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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