

Converting Colors

HunterLab(21.0457, 25.8564,
-82.1217)

Have a look what the booklet for
HunterLab(21.0457, 25.8564,
-82.1217) contains.

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Color

**HunterLab(21.0950, 25.4587,
-81.3248)**

Conversions

Conversions Part 1

Format	Color
Hex	002DA1
RGB	0, 45, 161
RGB Percent	0%, 18%, 63%
CMY	0.9999, 0.8235, 0.3686
CMYK	1.00, 0.72, 0.00, 0.37
HSL	223°, 100%, 32%
HSV	223°, 100%, 63%
XYZ	7.3714, 4.4500, 34.1887
YIQ	44.7690, -64.0560, 26.5360

Conversions

Conversions Part 2

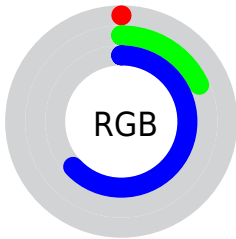
Format	Color
RYB	0, 35, 161
Decimal	11681
CIELab	25.11, 36.05, -65.06
CIELCh	25, 74.381, 298.986
Yxy	4.4501, 0.1602, 0.0967
Android (android.graphics.Color)	4278201761 (0xFF002DA1)
YUV	44.7690, 57.3019, -39.2624
Hunter-Lab	21.0950, 25.4587, -81.3248

Details

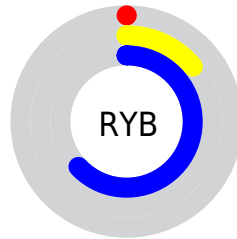
The HunterLab color **21.0950, 25.4587, -81.3248** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **44.8050, 5.0428, 27.6959**, and the grayscale version is **15.9582, -0.8515, 0.8670**.

A 20% lighter version of the original color is **38.2306, 28.2762, -77.7542**, and **10.9144, 26.0552, -69.8877** is the 20% darker color. If you saturate the color by 10%, you get **21.0911, 25.4703, -81.3451**, and if you desaturate by 10%, it is **23.6039, 19.8905, -69.8036**.

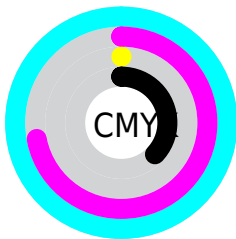
Distribution



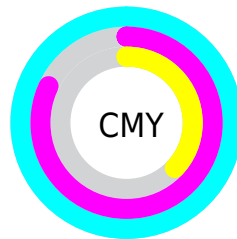
- Red (0%)
- Green (18%)
- Blue (63%)



- Red (0%)
- Yellow (14%)
- Blue (63%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (82%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0950, 25.4587, -81.3248 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 21.0950, 25.4587, -81.3248 by changing the saturation by 10% instead.

■ 21.0950, 25.4587, -81.3248	■ 21.0950, 25.4587, -81.3248
120.1574, 35.1317, -81.5699	■ 13.8866, 23.8249, -87.4561
■ 38.2337, 28.3998, -77.7001	■ 7.5190, 23.8375, -106.8110
■ 47.9931, 29.6753, -77.5258	0.0000, INF, -NF
■ 58.4653, 30.8308, -77.8139	0.0000, NaN, -NF
■ 69.6047, 31.8762, -78.3682	0.0000, NaN, -NF
■ 81.3735, 32.8211, -79.0768	0.0000, NaN, NaN
■ 93.7397, 33.6739,	0.0000, NaN, NaN

-79.8724

0.0000, NaN, NaN

106.6757, 34.4420,
-80.7125

21.0950, 25.4587,
-81.3248

21.0950, 25.4587,
-81.3248

21.0911, 25.4703,
-81.3451

23.6039, 19.8905,
-69.8036

26.5382, 14.8685,
-58.7184

29.8637, 10.6296,
-48.3549

33.5106, 7.1480,
-38.8834

37.4221, 4.3298,
-30.2868

■ 41.5540, 2.0666,
-22.4685

■ 45.8720, 0.2592,
-15.3107

■ 50.3499, -1.1759,
-8.7006

■ 54.9672, -2.3066,
-2.5399

Harmonies

Analogous

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



21.0951, -1.9181, -102.4403



21.0950, 25.4587, -81.3248



21.0951, 53.0679, -35.0425

Triad

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



21.0951, 25.4606, -81.3245



21.0951, 27.4819, 14.7666



21.0951, -29.9244, 1.8927

Complementary

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



21.0950, 25.4587, -81.3248



44.8050, 5.0428, 27.6959

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.



21.0951, -27.5248, 13.7913



21.0950, 25.4587, -81.3248



21.0951, -0.3235, 14.7666

Square

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



21.0951, 25.4606, -81.3245



21.0951, 54.5501, 13.3435



21.0951, -18.8270, 14.7666



21.0951, -27.8479, -31.9888

Rectangle

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



21.0950, 25.4587, -81.3248



21.0951, 63.8510, -8.7950



21.0951, -18.8270, 14.7666



21.0951, -29.6428, 7.8069

Sweetspot

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



21.0951, 25.4606, -81.3245



61.0464, 0.4728, -21.0244



51.7077, -35.7301, 12.5027



27.5110, 0.6432, -11.5785



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



21.0951, 25.4606, -81.3245



27.7067, 35.6208, -111.5259



17.1158, 44.3359, -105.4795



26.7716, -1.1505, -1.0263



19.0103, 22.2930, -71.8853



3.8915, 0.6246, -6.2124

Inverse Universe

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



27.8696, 48.4017, 12.7393



37.2554, 64.6323, 17.6290



54.7128, -26.0364, 33.2571



26.6777, 1.1635, 1.3764



24.9178, 43.3039, 11.2061



3.7160, 6.6578, 0.1215

Previews

White Background



This preview shows how the HunterLab color 21.0950, 25.4587, -81.3248 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 21.0950, 25.4587, -81.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

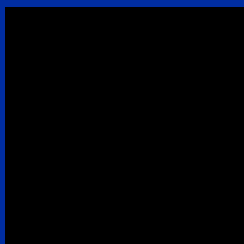
Any Text WCAG AA × Fail

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 21.0950, 25.4587, -81.3248 Background



This preview shows how black text looks on a background with the HunterLab color 21.0950, 25.4587, -81.3248.



This preview shows how white text looks on a background with the HunterLab color 21.0950, 25.4587, -81.3248.

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

21.0950, 25.4587, -81.3248

Protanopia

21.0505, 5.7792, -38.7870

Deuteranopia

21.0825, -1.1537, -23.8609



Tritanopia

21.1104, -10.6242, -3.4516

Trichromacy



Original Color

21.0950, 25.4587, -81.3248

Protanomaly

20.7937, 12.6880, -53.3800

Deuteranomaly

20.7582, 7.6645, -42.4913

Tritanomaly

20.2662, -0.1279, -25.0549

Monochromacy



Original Color

21.0950, 25.4587, -81.3248

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.8110, 4.1908, -21.3688

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0950, 25.4587, -81.3248 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, 45, 161)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 161)  
}
```

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, 45, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0950, 25.4587, -81.3248 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, 45, 161) }
```


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

```
.border{ border-color:rgb(0, 45, 161) }
```

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

Here you see how a box with a 4 pixel rgb(0, 45, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 45, 161);  
box-shadow:4px 4px 4px 4px rgb(0, 45, 161)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0950, 25.4587, -81.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 161) }
```

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

```
.background{ background-color: rgb(0, 45,  
161) }
```

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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