

Converting Colors

HunterLab(21.2429, 28.1409,
-83.1309)

Have a look what the booklet for
HunterLab(21.2429, 28.1409,
-83.1309) contains.

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Color

**HunterLab(21.2874, 28.0178,
-82.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	152BA3
RGB	21, 43, 163
RGB Percent	8%, 17%, 64%
CMY	0.9176, 0.8314, 0.3608
CMYK	0.87, 0.74, 0.00, 0.36
HSL	231°, 77%, 36%
HSV	231°, 87%, 64%
XYZ	7.7840, 4.5315, 35.1148
YIQ	50.1020, -51.6320, 32.6560

Conversions

Conversions Part 2

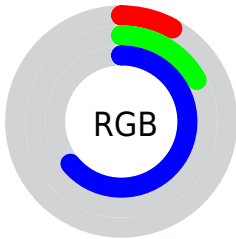
Format	Color
R_{YB}	21, 40, 163
Decimal	1387427
CIE _{Lab}	25.36, 38.88, -65.85
CIE _{LCh}	25, 76.469, 300.556
Yxy	4.5316, 0.1641, 0.0955
Android (android.graphics.Color)	4279577507 (0xFF152BA3)
YUV	50.1020, 55.6587, -25.5225
Hunter-Lab	21.2874, 28.0178, -82.9010

Details

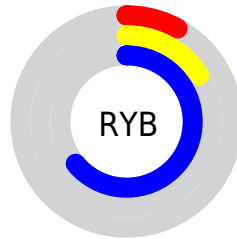
The HunterLab color **21.2874, 28.0178, -82.9010** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **51.8613, -5.5110, 31.0482**, and the grayscale version is **17.7270, -0.9459, 0.9631**.

A 20% lighter version of the original color is **38.4006, 31.2628, -79.2652**, and **10.8130, 27.8968, -73.7364** is the 20% darker color. If you saturate the color by 10%, you get **18.8797, 34.2276, -96.5839**, and if you desaturate by 10%, it is **24.3877, 22.0039, -68.8276**.

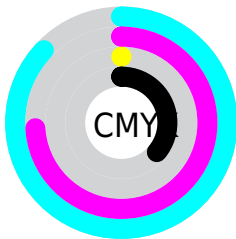
Distribution



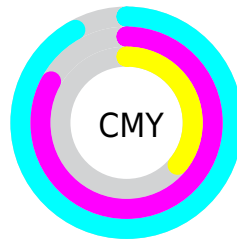
- Red (8%)
- Green (17%)
- Blue (64%)



- Red (8%)
- Yellow (16%)
- Blue (64%)



- Cyan (87%)
- Magenta (74%)
- Yellow (0%)
- Black (36%)



- Cyan (92%)
- Magenta (83%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2874, 28.0178, -82.9010 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 21.2874, 28.0178, -82.9010 by changing the saturation by 10% instead.

■ 21.2874, 28.0178,
-82.9010

■ 21.2874, 28.0178,
-82.9010

■ 120.5007, 38.6330,
-82.9374

■ 14.0540, 26.3096,
-89.1636

■ 38.4682, 31.1642,
-79.1386

■ 7.7005, 26.0836,
-108.0255

■ 48.2460, 32.5492,
-78.9299

0.0000, INF, -NF

■ 58.7354, 33.8140,
-79.1965

0.0000, NaN, -NF

■ 69.8909, 34.9674,
-79.7382

0.0000, NaN, -NF

■ 81.6750, 36.0183,
-80.4404

0.0000, NaN, -NF

■ 94.0557, 36.9748,

0.0000, NaN, NaN

0.0000, NaN, NaN

-81.2342

0.0000, NaN, NaN

107.0056, 37.8442,
-82.0759

21.2874, 28.0178,
-82.9010

21.2874, 28.0178,
-82.9010

18.8797, 34.2276,
-96.5839

24.3877, 22.0039,
-68.8276

18.3023, 35.8860,
-100.3438

28.0494, 16.6929,
-55.6672

32.1481, 12.1828,
-43.8824

36.5896, 8.3938,
-33.4546

41.3055, 5.1997,
-24.1941

■ 46.2466, 2.4797,
-15.8829

■ 51.3770, 0.1336,
-8.3267

■ 56.6700, -1.9172,
-1.3662

■ 62.1053, -3.7335,
5.1238

Harmonies

Analogous

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



21.2875, -0.6839, -107.4130



21.2874, 28.0178, -82.9010



21.2875, 56.3415, -34.0466

Triad

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



21.2875, 28.0197, -82.9006



21.2875, 26.8670, 14.9013



21.2875, -30.5332, 0.7250

Complementary

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



21.2874, 28.0178, -82.9010



51.8613, -5.5110, 31.0482

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.



21.2875, -28.3750, 13.7080



21.2874, 28.0178, -82.9010



21.2875, -1.5863, 14.9013

Square

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



21.2875, 28.0197, -82.9006



21.2875, 55.4928, 13.9584



21.2875, -19.9875, 14.9013



21.2875, -28.1967, -35.8010

Rectangle

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



21.2874, 28.0178, -82.9010



21.2875, 66.8497, -7.4473



21.2875, -19.9875, 14.9013



21.2875, -30.3218, 7.2117

Sweetspot

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



21.2875, 28.0197, -82.9006



62.3112, 3.1090, -20.5970



53.1301, -32.1954, 4.7728



28.4835, 2.0064, -11.4252



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



21.2875, 28.0197, -82.9006



24.1053, 49.4671, -136.9149



21.0301, 42.0267, -83.9954



26.5120, -0.7143, -1.3500



16.2739, 31.1290, -87.5395



3.2121, 2.0452, -8.4297

Inverse Universe

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



29.1512, 45.7868, 14.1163



37.4881, 64.4890, 21.9803



54.7168, -29.2314, 32.4349



26.6515, 1.0225, 1.7500



24.7214, 42.5784, 14.0965



3.6498, 6.4164, 1.0722

Previews

White Background



This preview shows how the HunterLab color 21.2874, 28.0178, -82.9010 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 21.2874, 28.0178, -82.9010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

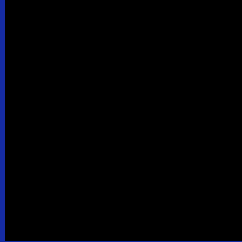
Any Text WCAG AA × Fail

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 21.2874, 28.0178, -82.9010 Background



This preview shows how black text looks on a background with the HunterLab color 21.2874, 28.0178, -82.9010.



This preview shows how white text looks on a background with the HunterLab color 21.2874, 28.0178, -82.9010.

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

21.2874, 28.0178, -82.9010

Protanopia

21.1096, 6.0832, -39.5172

Deuteranopia

21.0825, -1.1537, -23.8609



Tritanopia

21.1406, -10.4456, -3.8748

Trichromacy



Original Color

21.2874, 28.0178, -82.9010

Protanomaly

21.0542, 13.6904, -54.4983

Deuteranomaly

20.6511, 8.5308, -42.8295

Tritanomaly

20.1921, 1.0132, -25.9958

Monochromacy



Original Color

21.2874, 28.0178, -82.9010

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.9435, 5.8193, -21.5454

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2874, 28.0178, -82.9010 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(21, 43, 163)` looks like.

```
.text, #text, p{  
    color:rgb(21, 43, 163)  
}
```

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(21, 43, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 43, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2874, 28.0178, -82.9010 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(21, 43, 163) }
```


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

```
.border{ border-color:rgb(21, 43, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 43, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 43, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 43, 163);  
box-shadow:4px 4px 4px 4px rgb(21, 43,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.2874, 28.0178, -82.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 43, 163) }
```

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

```
.background{ background-color: rgb(21, 43,  
163) }
```

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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