

Converting Colors

HunterLab(15.7020, 28.9174,
-82.0505)

Have a look what the booklet for
HunterLab(15.7020, 28.9174,
-82.0505) contains.

HunterLab(15.7381, 28.7891, -81.8186)	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>	30

Color

**HunterLab(15.7381, 28.7891,
-81.8186)**

Conversions

Conversions Part 1

Format	Color
Hex	00178B
RGB	0, 23, 139
RGB Percent	0%, 9%, 55%
CMY	0.9999, 0.9098, 0.4549
CMYK	1.00, 0.83, 0.00, 0.45
HSL	230°, 100%, 27%
HSV	230°, 100%, 55%
XYZ	4.9666, 2.4769, 24.6424
YIQ	29.3470, -50.9440, 31.2000

Conversions

Conversions Part 2

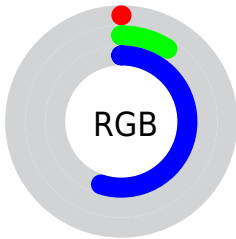
Format	Color
RYB	0, 20, 139
Decimal	6027
CIELab	17.81, 41.18, -63.58
CIELCh	18, 75.754, 302.932
Yxy	2.4769, 0.1548, 0.0772
Android (android.graphics.Color)	4278196107 (0xFF00178B)
YUV	29.3470, 54.0589, -25.7373
Hunter-Lab	15.7381, 28.7891, -81.8186

Details

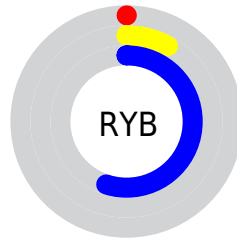
The HunterLab color **15.7381, 28.7891, -81.8186** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **42.4090, -3.1014, 26.0771**, and the grayscale version is **11.0425, -0.5892, 0.6000**.

A 20% lighter version of the original color is **31.6798, 32.0184, -75.4399**, and **8.3939, 22.7685, -59.6424** is the 20% darker color. If you saturate the color by 10%, you get **15.7356, 28.7980, -81.8348**, and if you desaturate by 10%, it is **17.7071, 23.7447, -70.4615**.

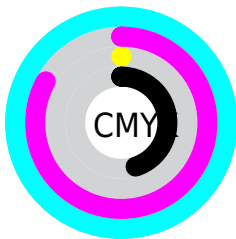
Distribution



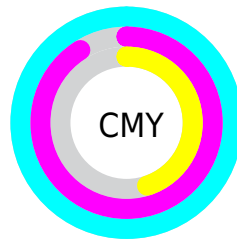
- Red (0%)
- Green (9%)
- Blue (55%)



- Red (0%)
- Yellow (8%)
- Blue (55%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7381, 28.7891, -81.8186 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 15.7381, 28.7891, -81.8186 by changing the saturation by 10% instead.

■ 15.7381, 28.7891,
-81.8186

■ 15.7381, 28.7891,
-81.8186

■ 110.2723, 40.8495,
-78.4342

■ 9.3007, 27.1431,
-92.9000

■ 31.5975, 32.2355,
-75.5183

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.8023, 33.8021,
-74.9192

0.0000, NaN, -NF

■ 50.7597, 35.2455,
-74.9752

0.0000, NaN, -NF

■ 61.4166, 36.5708,
-75.3970

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.7299, 37.7859,
-76.0282

0.0000, NaN, NaN

■ 84.6634, 38.8990,

0.0000, NaN, NaN

-76.7781

97.1863, 39.9179,
-77.5917

15.7381, 28.7891,
-81.8186

15.7381, 28.7891,
-81.8186

15.7356, 28.7980,
-81.8348

17.7071, 23.7447,
-70.4615

20.1945, 18.7465,
-58.9423

23.1446, 14.3073,
-48.0611

26.4578, 10.5257,
-38.2498

30.0571, 7.3481,
-29.5329

■ 33.8858, 4.6749,
-21.7764

■ 37.9029, 2.4074,
-14.8113

■ 42.0780, 0.4621,
-8.4814

■ 46.3889, -1.2275,
-2.6562

Harmonies

Analogous

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



15.7381, 1.3458, -112.2290



15.7381, 28.7891, -81.8186



15.7381, 56.0392, -29.9233

Triad

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



15.7381, 28.7912, -81.8187



15.7381, 22.9397, 11.0167



15.7381, -27.2293, -1.3065

Complementary

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



15.7381, 28.7891, -81.8186



42.4090, -3.1014, 26.0771

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.



15.7381, -24.9593, 11.0167



15.7381, 28.7891, -81.8186



15.7381, -2.9138, 11.0167

Square

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



15.7381, 28.7912, -81.8187



15.7381, 51.5652, 11.0167



15.7381, -17.6815, 11.0167



15.7381, -23.8866, -39.4653

Rectangle

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



15.7381, 28.7891, -81.8186



15.7381, 65.4538, -4.8378



15.7381, -17.6815, 11.0167



15.7381, -27.0974, 4.9926

Sweetspot

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



15.7381, 28.7912, -81.8187



50.3567, 3.4094, -20.4137



44.4102, -27.9750, 4.8828



23.2005, 2.1581, -11.4247



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



15.7381, 28.7912, -81.8187



20.6479, 40.0123, -112.1832



15.6635, 38.7176, -82.1294



22.3993, -0.6513, -1.0475



15.0109, 27.1407, -77.3513



1.7170, 0.8516, -3.9843

Inverse Universe

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



23.5612, 40.6070, 13.1897



31.5011, 54.2431, 18.0571



45.5802, -26.0589, 27.6293



22.4971, 0.8129, 1.4434



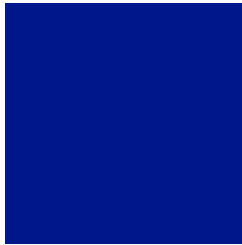
22.3868, 38.5954, 12.4704



1.8643, 3.2919, 0.4364

Previews

White Background



This preview shows how the HunterLab color 15.7381, 28.7891, -81.8186 looks on a white background.

Color Contrast Check

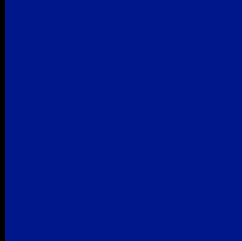
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7381, 28.7891, -81.8186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

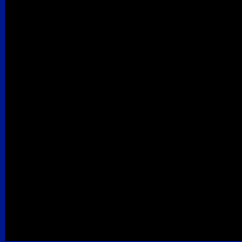
Any Text WCAG AA × Fail

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 15.7381, 28.7891, -81.8186 Background



This preview shows how black text looks on a background with the HunterLab color 15.7381, 28.7891, -81.8186.



This preview shows how white text looks on a background with the HunterLab color 15.7381, 28.7891, -81.8186.

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

15.7381, 28.7891, -81.8186

Protanopia

16.0439, 3.4362, -27.4712

Deuteranopia

16.0720, -1.5635, -16.7134

Trichromacy



Original Color

15.7381, 28.7891, -81.8186

Protanomaly

15.3814, 12.4370, -46.0734

Deuteranomaly

15.1866, 8.6068, -37.5616

Monochromacy



Original Color

15.7381, 28.7891, -81.8186

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.5851, 6.1592, -21.5679

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7381, 28.7891, -81.8186 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, 23, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 23, 139)  
}
```

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, 23, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 23, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7381, 28.7891, -81.8186 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, 23, 139) }
```

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

```
.border{ border-color:rgb(0, 23, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 23, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 23, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 23, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 23, 139)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 15.7381, 28.7891, -81.8186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 23, 139) }
```

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

```
.background{ background-color: rgb(0, 23,  
139) }
```

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