

Converting Colors

HunterLab(18.0614, 15.3180,
-55.6423)

Have a look what the booklet for
HunterLab(18.0614, 15.3180,
-55.6423) contains.

HunterLab(18.1281, 15.1473, -55.3572)	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(18.1281, 15.1473,
-55.3572)**

Conversions

Conversions Part 1

Format	Color
Hex	002B80
RGB	0, 43, 128
RGB Percent	0%, 17%, 50%
CMY	0.9999, 0.8314, 0.4980
CMYK	1.00, 0.66, 0.00, 0.50
HSL	220°, 100%, 25%
HSV	220°, 100%, 50%
XYZ	4.7602, 3.2863, 20.8055
YIQ	39.8330, -52.9130, 17.3190

Conversions

Conversions Part 2

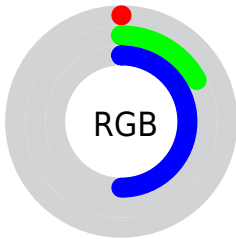
Format	Color
RYB	0, 32, 128
Decimal	11136
CIELab	21.16, 24.15, -51.13
CIELCh	21, 56.550, 295.281
Yxy	3.2863, 0.1650, 0.1139
Android (android.graphics.Color)	4278201216 (0xFF002B80)
YUV	39.8330, 43.4663, -34.9335
Hunter-Lab	18.1281, 15.1473, -55.3572

Details

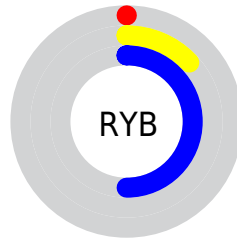
The HunterLab color **18.1281, 15.1473, -55.3572** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **33.3002, 6.8640, 20.6387**, and the grayscale version is **14.3905, -0.7678, 0.7819**.

A 20% lighter version of the original color is **34.6071, 17.1933, -54.1949**, and **7.4166, 20.1175, -52.6980** is the 20% darker color. If you saturate the color by 10%, you get **18.1258, 15.1534, -55.3675**, and if you desaturate by 10%, it is **20.1354, 11.4409, -47.5270**.

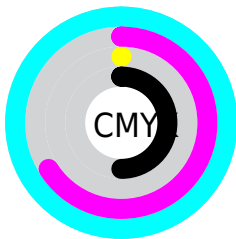
Distribution



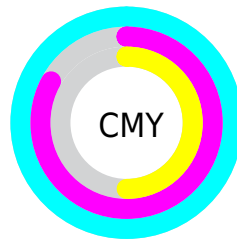
- Red (0%)
- Green (17%)
- Blue (50%)



- Red (0%)
- Yellow (13%)
- Blue (50%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (83%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1281, 15.1473, -55.3572 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 18.1281, 15.1473, -55.3572 by changing the saturation by 10% instead.

■ 18.1281, 15.1473,
-55.3572

■ 18.1281, 15.1473,
-55.3572

■ 114.7673, 20.7595,
-58.6263

■ 11.3269, 13.9125,
-59.0308

■ 34.5864, 17.1558,
-54.0289

■ 3.5774, 29.2254,
-116.1057

■ 44.0494, 17.9563,
-54.3648

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 54.2460, 18.6432,
-54.9416

0.0000, NaN, -NF

■ 65.1267, 19.2298,
-55.6366

0.0000, NaN, NaN

■ 76.6509, 19.7267,
-56.3837

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.7846, 20.1427,

-57.1446

0.0000, NaN, NaN

101.4985, 20.4850,
-57.8967

18.1281, 15.1473,
-55.3572

18.1281, 15.1473,
-55.3572

18.1258, 15.1534,
-55.3675

20.1354, 11.4409,
-47.5270

22.3719, 8.1515,
-40.1947

24.8474, 5.4304,
-33.3250

27.5251, 3.2354,
-26.9726

30.3742, 1.4994,
-21.1211

■ 33.3696, 0.1523,
-15.7207

■ 36.4909, -0.8696,
-10.7114

■ 39.7222, -1.6204,
-6.0342

■ 43.0506, -2.1448,
-1.6358

Harmonies

Analogous

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



18.1283, -3.5715, -65.0412



18.1281, 15.1473, -55.3572



18.1283, 34.3345, -27.0268

Triad

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



18.1283, 15.1485, -55.3568



18.1283, 21.5694, 12.6898



18.1283, -23.3518, 3.3558

Complementary

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



18.1281, 15.1473, -55.3572



33.3002, 6.8640, 20.6387

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.



18.1283, -20.7271, 11.7140



18.1281, 15.1473, -55.3572



18.1283, 1.7907, 12.6898

Square

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



18.1283, 15.1485, -55.3568



18.1283, 38.8977, 9.8714



18.1283, -12.8890, 12.6898



18.1283, -22.0228, -17.8650

Rectangle

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



18.1281, 15.1473, -55.3572



18.1283, 42.5282, -8.7859



18.1283, -12.8890, 12.6898



18.1283, -22.9426, 7.2271

Sweetspot

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



18.1283, 15.1485, -55.3568



48.1233, -1.0710, -14.6650



40.0828, -28.7794, 12.0281



22.5675, -0.3026, -8.2162



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



18.1283, 15.1485, -55.3568



23.5375, 21.4358, -75.6935



13.0365, 34.2730, -84.2474



21.0463, -1.0593, -0.6094



18.0557, 15.0726, -55.1055

0.0000, NaN, NaN

Inverse Universe

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



21.8266, 38.1735, 7.9095



28.9176, 50.4983, 11.1194



43.2171, -17.7984, 26.3179



20.8956, 0.8722, 0.9505



21.7339, 38.0164, 7.8701

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 18.1281, 15.1473, -55.3572 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 18.1281, 15.1473, -55.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

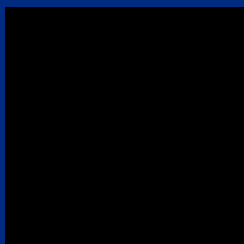
Any Text WCAG AA × Fail

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 18.1281, 15.1473, -55.3572 Background



This preview shows how black text looks on a background with the HunterLab color 18.1281, 15.1473, -55.3572.



This preview shows how white text looks on a background with the HunterLab color 18.1281, 15.1473, -55.3572.

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

18.1281, 15.1473, -55.3572

Protanopia

18.1690, 4.4604, -32.3383

Deuteranopia

18.1229, -0.9990, -20.4955



Tritanopia

18.3386, -9.1664, -3.1340

Trichromacy



Original Color

18.1281, 15.1473, -55.3572

Protanomaly

17.9591, 8.3004, -40.3654

Deuteranomaly

17.8776, 4.6285, -32.3372

Tritanomaly

17.8944, -2.2594, -17.4890

Monochromacy



Original Color

18.1281, 15.1473, -55.3572

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.0347, 1.7504, -14.8824

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1281, 15.1473, -55.3572 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, 43, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 43, 128)  
}
```

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, 43, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 43, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1281, 15.1473, -55.3572 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, 43, 128) }
```


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

```
.border{ border-color:rgb(0, 43, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 43, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 43, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 43, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 43, 128)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1281, 15.1473, -55.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 43, 128) }
```

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

```
.background{ background-color: rgb(0, 43,  
128) }
```

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