

Converting Colors

HunterLab(15.6587, 5.8632,
-69.8169)

Have a look what the booklet for
HunterLab(15.6587, 5.8632,
-69.8169) contains.

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Color

**HunterLab(18.6775, 14.7901,
-55.2728)**

Conversions

Conversions Part 1

Format	Color
Hex	002D82
RGB	0, 45, 130
RGB Percent	0%, 18%, 51%
CMY	0.9999, 0.8235, 0.4902
CMYK	1.00, 0.65, 0.00, 0.49
HSL	219°, 100%, 25%
HSV	219°, 100%, 51%
XYZ	4.9677, 3.4885, 21.5306
YIQ	41.2350, -54.1050, 16.8950

Conversions

Conversions Part 2

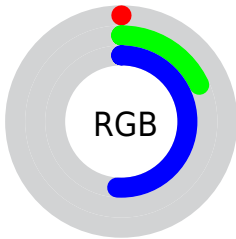
Format	Color
RYB	0, 33, 130
Decimal	11650
CIELab	21.90, 23.57, -51.17
CIELCh	22, 56.337, 294.732
Yxy	3.4886, 0.1657, 0.1163
Android (android.graphics.Color)	4278201730 (0xFF002D82)
YUV	41.2350, 43.7611, -36.1631
Hunter-Lab	18.6775, 14.7901, -55.2728

Details

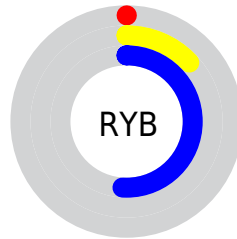
The HunterLab color **18.6775, 14.7901, -55.2728** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **33.5347, 7.6157, 20.7964**, and the grayscale version is **14.8438, -0.7920, 0.8065**.

A 20% lighter version of the original color is **35.2637, 16.9111, -54.2187**, and **7.6104, 20.6433, -54.0753** is the 20% darker color. If you saturate the color by 10%, you get **18.6751, 14.7963, -55.2832**, and if you desaturate by 10%, it is **20.7111, 11.0850, -47.5021**.

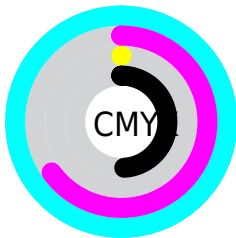
Distribution



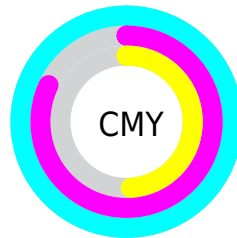
- Red (0%)
- Green (18%)
- Blue (51%)



- Red (0%)
- Yellow (13%)
- Blue (51%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (82%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6775, 14.7901, -55.2728 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 18.6775, 14.7901, -55.2728 by changing the saturation by 10% instead.

■ 18.6775, 14.7901,
-55.2728

■ 18.6775, 14.7901,
-55.2728

■ 115.7801, 20.1028,
-58.7339

■ 11.7975, 13.5943,
-58.6710

■ 35.2667, 16.7193,
-54.0963

■ 4.5899, 22.1316,
-93.8526

■ 44.7864, 17.4831,
-54.4553

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.0356, 18.1355,
-55.0436

0.0000, NaN, -NF

■ 65.9657, 18.6893,
-55.7442

0.0000, NaN, NaN

■ 77.5366, 19.1552,
-56.4934

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.7146, 19.5416,

-57.2546

0.0000, NaN, NaN

102.4708, 19.8555,
-58.0058

18.6775, 14.7901,
-55.2728

18.6775, 14.7901,
-55.2728

18.6751, 14.7963,
-55.2832

20.7111, 11.0850,
-47.5021

22.9717, 7.8087,
-40.2169

25.4694, 5.1069,
-33.3797

28.1688, 2.9365,
-27.0430

31.0398, 1.2303,
-21.1924

■ 34.0575, -0.0818,
-15.7814

■ 37.2021, -1.0632,
-10.7532

■ 40.4575, -1.7683,
-6.0512

■ 43.8109, -2.2421,
-1.6241

Harmonies

Analogous

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



18.6777, -3.9129, -64.3195



18.6775, 14.7901, -55.2728



18.6777, 34.0098, -27.4382

Triad

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



18.6777, 14.7913, -55.2724



18.6777, 21.9489, 13.0744



18.6777, -23.7147, 3.6590

Complementary

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



18.6775, 14.7901, -55.2728



33.5347, 7.6157, 20.7964

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.



18.6777, -20.9341, 11.9125



18.6775, 14.7901, -55.2728



18.6777, 2.1082, 13.0744

Square

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



18.6777, 14.7913, -55.2724



18.6777, 39.0756, 9.9235



18.6777, -12.8291, 13.0744



18.6777, -22.4202, -17.3015

Rectangle

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



18.6775, 14.7901, -55.2728



18.6777, 42.3134, -9.2001



18.6777, -12.8291, 13.0744



18.6777, -23.2683, 7.5052

Sweetspot

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



18.6777, 14.7913, -55.2724



49.0750, -1.3332, -14.7177



40.7597, -29.2746, 12.2510



22.6450, -0.4341, -8.0951



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.



18.6777, 14.7913, -55.2724



24.2672, 20.9466, -75.5495



13.2506, 34.8478, -85.7236



21.0624, -1.0860, -0.5897



18.3192, 14.4073, -53.9986

0.0000, NaN, NaN

Inverse Universe

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



22.2164, 38.8947, 7.7452



29.4377, 51.4590, 10.9126



43.9463, -18.1079, 26.7618



20.8972, 0.8810, 0.9272



21.7561, 38.0981, 7.5461

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 18.6775, 14.7901, -55.2728 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 18.6775, 14.7901, -55.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

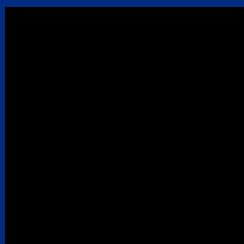
Any Text WCAG AA × Fail

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 18.6775, 14.7901, -55.2728 Background



This preview shows how black text looks on a background with the HunterLab color 18.6775, 14.7901, -55.2728.



This preview shows how white text looks on a background with the HunterLab color 18.6775, 14.7901, -55.2728.

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

18.6775, 14.7901, -55.2728

Protanopia

18.6327, 5.1774, -34.4657

Deuteranopia

18.7688, -1.0618, -21.1673



Tritanopia

18.6730, -9.1508, -3.5856

Trichromacy



Original Color

18.6775, 14.7901, -55.2728

Protanomaly

18.6574, 8.5768, -41.8349

Deuteranomaly

18.4615, 4.2921, -32.3407

Tritanomaly

18.2386, -2.1704, -18.1114

Monochromacy



Original Color

18.6775, 14.7901, -55.2728

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.3512, 1.6999, -14.8560

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6775, 14.7901, -55.2728 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6775, 14.7901, -55.2728 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, 130) }
```


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

```
.border{ border-color:rgb(0, 45, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 45, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 45, 130)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6775, 14.7901, -55.2728 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, 130) }
```

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

```
.background{ background-color: rgb(0, 45,  
130) }
```

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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