

Converting Colors

HunterLab(12.5999, 11.9568,
-35.2897)

Have a look what the booklet for
HunterLab(12.5999, 11.9568,
-35.2897) contains.

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Color

**HunterLab(12.5770, 12.0438,
-35.5627)**

Conversions

Conversions Part 1

Format	Color
Hex	131A58
RGB	19, 26, 88
RGB Percent	7%, 10%, 35%
CMY	0.9255, 0.8980, 0.6549
CMYK	0.78, 0.70, 0.00, 0.65
HSL	234°, 64%, 21%
HSV	234°, 78%, 35%
XYZ	2.3994, 1.5818, 9.4113
YIQ	30.9750, -24.0740, 17.7980

Conversions

Conversions Part 2

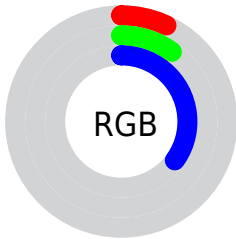
Format	Color
R_{YB}	19, 25, 88
Decimal	1251928
CIE Lab	13.12, 21.16, -38.22
CIE LCh	13, 43.691, 298.973
Yxy	1.5818, 0.1792, 0.1181
Android (android.graphics.Color)	4279442008 (0xFF131A58)
YUV	30.9750, 28.1133, -10.5021
Hunter-Lab	12.5770, 12.0438, -35.5627

Details

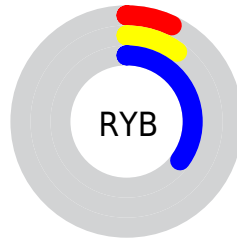
The HunterLab color **12.5770, 12.0438, -35.5627** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **28.2972, -4.8284, 16.0608**, and the grayscale version is **11.6186, -0.6199, 0.6313**.

A 20% lighter version of the original color is **27.5248, 14.1682, -35.4064**, and **4.7457, 7.9738, -23.1449** is the 20% darker color. If you saturate the color by 10%, you get **10.9819, 15.0286, -42.8152**, and if you desaturate by 10%, it is **14.4481, 9.3629, -28.8203**.

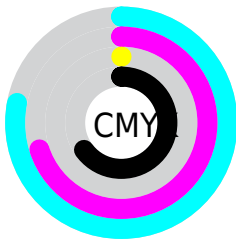
Distribution



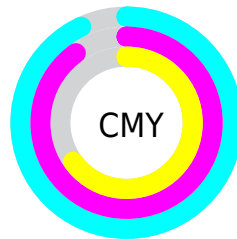
- Red (7%)
- Green (10%)
- Blue (35%)



- Red (7%)
- Yellow (10%)
- Blue (35%)



- Cyan (78%)
- Magenta (70%)
- Yellow (0%)
- Black (65%)



- Cyan (93%)
- Magenta (90%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5770, 12.0438, -35.5627 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 12.5770, 12.0438, -35.5627 by changing the saturation by 10% instead.

■ 12.5770, 12.0438,
-35.5627

■ 12.5770, 12.0438,
-35.5627

■ 104.0604, 17.1856,
-39.2576

■ 5.8763, 15.3797,
-45.4268

■ 27.5543, 13.9953,
-35.0923

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 36.3836, 14.7493,
-35.5911

0.0000, NaN, NaN

■ 45.9950, 15.3825,
-36.2118

0.0000, NaN, NaN

■ 56.3295, 15.9106,
-36.8679

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3395, 16.3460,
-37.5173

0.0000, NaN, NaN

■ 78.9859, 16.6985,

0.0000, NaN, NaN

-38.1385

91.2357, 16.9762,
-38.7205

12.5770, 12.0438,
-35.5627

12.5770, 12.0438,
-35.5627

10.9819, 15.0286,
-42.8152

14.4481, 9.3629,
-28.8203

9.6681, 17.9676,
-50.3469

16.5332, 7.0375,
-22.7981

9.4777, 18.4127,
-51.5940

18.7864, 5.0381,
-17.4737

21.1744, 3.3101,
-12.7464

23.6732, 1.7996,
-8.5042

■ 26.2655, 0.4613,
-4.6482

■ 28.9381, -0.7409,
-1.0976

■ 31.6811, -1.8352,
2.2113

■ 34.4869, -2.8431,
5.3283

Harmonies

Analogous

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



12.5771, -1.0689, -44.2998



12.5770, 12.0438, -35.5627



12.5771, 24.6858, -15.8758

Triad

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



12.5771, 12.0445, -35.5623



12.5771, 12.9985, 8.8040



12.5771, -17.5532, 1.0588

Complementary

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



12.5770, 12.0438, -35.5627



28.2972, -4.8284, 16.0608

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.



12.5771, -15.3897, 8.7715



12.5770, 12.0438, -35.5627



12.5771, -0.2697, 8.8040

Square

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



12.5771, 12.0445, -35.5623



12.5771, 25.3626, 8.3243



12.5771, -9.7479, 8.8040



12.5771, -15.6612, -14.5199

Rectangle

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



12.5770, 12.0438, -35.5627



12.5771, 29.5245, -4.0825



12.5771, -9.7479, 8.8040



12.5771, -17.2761, 4.1018

Sweetspot

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



12.5771, 12.0445, -35.5623



32.5286, 1.7174, -9.3523



27.7424, -15.0623, 0.6317



15.9729, 1.0788, -5.3212



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



12.5771, 12.0445, -35.5623



13.0511, 23.3852, -64.8907



13.1859, 18.8440, -33.0587



14.4558, -0.3509, -0.6112



11.4007, 23.5308, -65.0461



25.7284, 60.8461, -163.5076

Inverse Universe

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



16.1715, 20.7513, 6.7452



19.5460, 31.7284, 10.8869



28.3482, -14.5624, 15.9241



14.5696, 0.3638, 1.0113



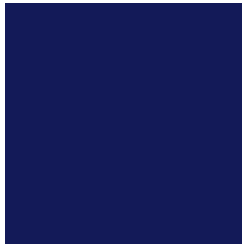
17.7647, 30.5567, 10.4391



42.0229, 72.1203, 25.9541

Previews

White Background



This preview shows how the HunterLab color 12.5770, 12.0438, -35.5627 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 12.5770, 12.0438, -35.5627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

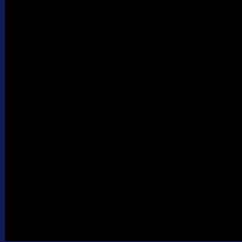
Any Text WCAG AA × Fail

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 12.5770, 12.0438, -35.5627 Background



This preview shows how black text looks on a background with the HunterLab color 12.5770, 12.0438, -35.5627.



This preview shows how white text looks on a background with the HunterLab color 12.5770, 12.0438, -35.5627.

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

12.5770, 12.0438, -35.5627

Deuteranopia

12.6016, -1.5634, -12.3759

Tritanopia

12.4351, -6.0669, -2.4461

Trichromacy



Original Color

12.5770, 12.0438, -35.5627

Deuteranomaly

12.3304, 3.1710, -20.2083

Tritanomaly

12.2259, -0.6137, -11.8900

Monochromacy



Original Color

12.5770, 12.0438, -35.5627

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.6605, 2.7276, -9.2863

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5770, 12.0438, -35.5627 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(19, 26, 88)` looks like.

```
.text, #text, p{  
    color:rgb(19, 26, 88)  
}
```

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(19, 26, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 26, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5770, 12.0438, -35.5627 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(19, 26, 88) }
```

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

```
.border{ border-color:rgb(19, 26, 88) }
```

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

Here you see how a box with a 4 pixel rgb(19, 26, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 26, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 26, 88);  
box-shadow:4px 4px 4px 4px rgb(19, 26, 88)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 12.5770, 12.0438, -35.5627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 26, 88) }
```

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

```
.background{ background-color: rgb(19, 26,  
88) }
```

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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