

Converting Colors

HunterLab(13.4557, 16.9013,
-52.7173)

Have a look what the booklet for
HunterLab(13.4557, 16.9013,
-52.7173) contains.

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Color

**HunterLab(13.4656, 16.8429,
-52.6539)**

Conversions

Conversions Part 1

Format	Color
Hex	021A6B
RGB	2, 26, 107
RGB Percent	1%, 10%, 42%
CMY	0.9921, 0.8980, 0.5804
CMYK	0.98, 0.76, 0.00, 0.58
HSL	226°, 96%, 21%
HSV	226°, 98%, 42%
XYZ	3.0483, 1.8132, 14.0992
YIQ	28.0580, -40.3050, 20.1030

Conversions

Conversions Part 2

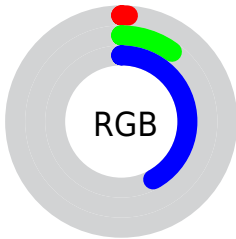
Format	Color
R_{YB}	2, 22, 107
Decimal	137835
CIE _{Lab}	14.48, 27.50, -48.64
CIE _{LCh}	14, 55.877, 299.484
Yxy	1.8132, 0.1608, 0.0956
Android (android.graphics.Color)	4278327915 (0xFF021A6B)
YUV	28.0580, 38.9184, -22.8529
Hunter-Lab	13.4656, 16.8429, -52.6539

Details

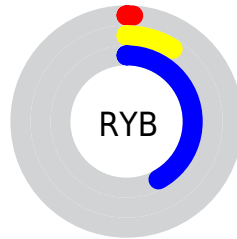
The HunterLab color **13.4656, 16.8429, -52.6539** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **30.5263, 0.1916, 18.7014**, and the grayscale version is **10.6876, -0.5703, 0.5807**.

A 20% lighter version of the original color is **28.5936, 19.4658, -50.0541**, and **6.0878, 12.6941, -35.0122** is the 20% darker color. If you saturate the color by 10%, you get **13.1659, 17.4944, -54.2216**, and if you desaturate by 10%, it is **15.1775, 13.3665, -44.7522**.

Distribution



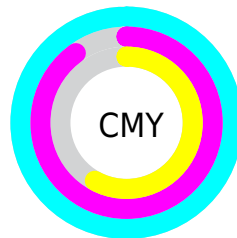
- Red (1%)
- Green (10%)
- Blue (42%)



- Red (1%)
- Yellow (9%)
- Blue (42%)



- Cyan (98%)
- Magenta (76%)
- Yellow (0%)
- Black (58%)













- Cyan (99%)
- Magenta (90%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.4656, 16.8429, -52.6539 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 13.4656, 16.8429, -52.6539 by changing the saturation by 10% instead.

 13.4656, 16.8429, -52.6539	 13.4656, 16.8429, -52.6539
 105.8421, 24.4151, -54.3570	 7.0385, 17.5926, -62.8849
 28.7030, 19.3669, -50.1080	0.0000, INF, -NF
 37.6424, 20.4111, -50.2912	0.0000, NaN, -NF
 47.3550, 21.3272, -50.7922	0.0000, NaN, -NF
 57.7836, 22.1294, -51.4456	0.0000, NaN, NaN
 68.8820, 22.8300, -52.1664	0.0000, NaN, NaN
 80.6121, 23.4390,	0.0000, NaN, NaN

-52.9079

92.9414, 23.9650,
-53.6434

13.4656, 16.8429,
-52.6539

13.4656, 16.8429,
-52.6539

13.1659, 17.4944,
-54.2216

15.1775, 13.3665,
-44.7522

17.1490, 10.1966,
-37.3459

19.3666, 7.4995,
-30.5199

21.7833, 5.2496,
-24.3456

24.3626, 3.3856,
-18.7805

■ 27.0768, 1.8411,
-13.7418

■ 29.9049, 0.5566,
-9.1411

■ 32.8309, -0.5167,
-4.8991

■ 35.8424, -1.4184,
-0.9485

Harmonies

Analogous

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



13.4657, -0.9805, -66.9442



13.4656, 16.8429, -52.6539



13.4657, 34.7254, -22.3225

Triad

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



13.4657, 16.8441, -52.6537



13.4657, 17.5123, 9.4260



13.4657, -21.4559, 0.9801

Complementary

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



13.4656, 16.8429, -52.6539



30.5263, 0.1916, 18.7014

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.



13.4657, -18.9521, 9.4260



13.4656, 16.8429, -52.6539



13.4657, -0.4559, 9.4260

Square

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



13.4657, 16.8441, -52.6537



13.4657, 35.2165, 9.4260



13.4657, -12.2740, 9.4260



13.4657, -19.1148, -21.3085

Rectangle

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



13.4656, 16.8429, -52.6539



13.4657, 41.6054, -5.3743



13.4657, -12.2740, 9.4260



13.4657, -21.1529, 4.8756

Sweetspot

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



13.4657, 16.8441, -52.6537



39.3647, 1.0152, -13.2412



33.3845, -21.9307, 5.8318



18.7542, 0.7673, -7.4899



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



13.4657, 16.8441, -52.6537



17.1355, 24.9082, -75.1875



11.7530, 28.2047, -62.4353



17.6835, -0.6700, -0.6318



14.3742, 19.7480, -60.5968



30.6629, 50.3200, -146.9523

Inverse Universe

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



18.0112, 30.6359, 8.4179



23.8783, 41.3300, 12.0363



34.9030, -17.6435, 21.1001



17.6835, 0.6029, 1.0086



19.7001, 34.1340, 9.6522



44.3412, 76.5780, 23.6724

Previews

White Background



This preview shows how the HunterLab color 13.4656, 16.8429, -52.6539 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 13.4656, 16.8429, -52.6539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

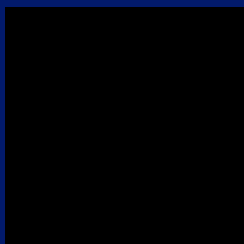
Any Text WCAG AA × Fail

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 13.4656, 16.8429, -52.6539 Background



This preview shows how black text looks on a background with the HunterLab color 13.4656, 16.8429, -52.6539.



This preview shows how white text looks on a background with the HunterLab color 13.4656, 16.8429, -52.6539.

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

13.4656, 16.8429, -52.6539

Protanopia

13.6344, 2.3384, -22.0897

Deuteranopia

13.5808, -1.3056, -14.1564



Tritanopia

13.5845, -6.6697, -2.5815

Trichromacy



Original Color

13.4656, 16.8429, -52.6539

Protanomaly

13.4117, 7.3780, -32.4213

Deuteranomaly

13.2083, 4.8566, -26.7199

Tritanomaly

12.9829, 0.4712, -16.9667

Monochromacy



Original Color

13.4656, 16.8429, -52.6539

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.0350, 3.3187, -13.9400

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.4656, 16.8429, -52.6539 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(2, 26, 107)` looks like.

```
.text, #text, p{  
    color:rgb(2, 26, 107)  
}
```

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(2, 26, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 26, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 13.4656, 16.8429, -52.6539 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(2, 26, 107) }
```


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

```
.border{ border-color:rgb(2, 26, 107) }
```

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

Here you see how a box with a 4 pixel rgb(2, 26, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 26, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 26, 107);  
box-shadow:4px 4px 4px 4px rgb(2, 26, 107)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.4656, 16.8429, -52.6539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 26, 107) }
```

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

```
.background{ background-color: rgb(2, 26,  
107) }
```

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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