

Converting Colors

HunterLab(21.8036, -15.4173,
10.2865)

Have a look what the booklet for
HunterLab(21.8036, -15.4173,
10.2865) contains.

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Color

**HunterLab(21.8087,
-15.3955, 10.3499)**

Conversions

Conversions Part 1

Format	Color
Hex	16471B
RGB	22, 71, 27
RGB Percent	9%, 28%, 11%
CMY	0.9137, 0.7216, 0.8941
CMYK	0.69, 0.00, 0.62, 0.72
HSL	126°, 53%, 18%
HSV	126°, 69%, 28%
XYZ	2.7820, 4.7562, 1.8083
YIQ	51.3330, -15.0800, -24.0720

Conversions

Conversions Part 2

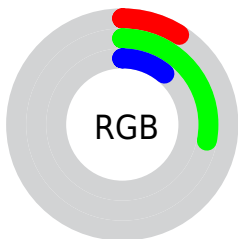
Format	Color
R_{YB}	22, 66, 71
Decimal	1459995
CIE _{Lab}	26.03, -27.07, 21.44
CIE _{LCh}	26, 34.528, 141.624
Y _{xy}	4.7564, 0.2976, 0.5089
Android (android.graphics.Color)	4279650075 (0xFF16471B)
YUV	51.3330, -11.9962, -25.7250
Hunter-Lab	21.8087, -15.3955, 10.3499

Details

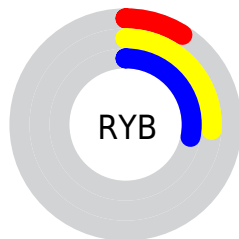
The HunterLab color $[21.8087, -15.3955, 10.3499]$ is a dark color, and the websafe version is hex 003300 . A complement of this color would be $[15.1883, 18.8903, -10.4312]$, and the grayscale version is $[18.3497, -0.9791, 0.9970]$.

A 20% lighter version of the original color is $[39.0878, -20.1860, 14.4327]$, and $[9.3741, -8.0383, 5.6355]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.5874, -16.4395, 11.1153]$, and if you desaturate by 10%, it is $[22.0936, -14.0811, 9.4315]$.

Distribution



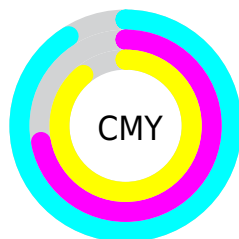
- Red (9%)
- Green (28%)
- Blue (11%)



- Red (9%)
- Yellow (26%)
- Blue (28%)



- Cyan (69%)
- Magenta (0%)
- Yellow (62%)
- Black (72%)



- Cyan (91%)
- Magenta (72%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8087, -15.3955, 10.3499 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 21.8087, -15.3955, 10.3499 by changing the saturation by 10% instead.

■ 21.8087, -15.3955,
10.3499

■ 21.8087, -15.3955,
10.3499

121.4277,
-34.5059, 26.7349

■ 14.5088, -12.6004,
8.3846

■ 39.1027, -20.2666,
14.4683

■ 8.1698, -14.2972,
5.7189

■ 48.9300, -22.4881,
16.3593

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.4655, -24.6184,
18.1802

0.0000, NaN, NaN

■ 70.6645, -26.6803,
19.9499

0.0000, NaN, NaN

■ 82.4896, -28.6896,
21.6816

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9095, -30.6582,

■ 107.8967,
-32.5947, 25.0676

■ 21.8087, -15.3955,
10.3499

■ 21.8087, -15.3955,
10.3499

■ 21.5874, -16.4395,
11.1153

■ 22.0936, -14.0811,
9.4315

■ 21.4229, -17.2265,
11.7245

■ 22.4430, -12.4981,
8.3653

■ 21.2802, -17.9037,
12.1693

■ 22.8584, -10.6568,
7.1600

■ 21.2663, -17.9693,
12.2095

■ 23.3399, -8.5723,
5.8272

■ 23.8869, -6.2643,
4.3800

■ 24.4980, -3.7549,
2.8327

■ 25.1714, -1.0672,
1.1995

■ 25.9048, 1.7753,
-0.5057

■ 26.6956, 4.7505,
-2.2698

Harmonies

Analogous

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



21.8092, -8.4265, 12.8374



21.8087, -15.3955, 10.3499



21.8092, -18.3971, 3.9201

Triad

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



21.8092, -15.3958, 10.3500



21.8092, -4.1620, -29.5848



21.8092, 22.1933, 7.3776

Complementary

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



21.8087, -15.3955, 10.3499



15.1883, 18.8903, -10.4312

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.



21.8092, 23.9609, -1.9528



21.8087, -15.3955, 10.3499



21.8092, 7.1920, -27.0331

Square

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



21.8092, -15.3958, 10.3500



21.8092, -12.8065, -21.2178



21.8092, 18.0225, -15.3678



21.8092, 13.5851, 11.8049

Rectangle

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



21.8087, -15.3955, 10.3499



21.8092, -18.2597, -3.2696



21.8092, 18.0225, -15.3678



21.8092, 23.6672, 4.8653

Sweetspot

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



21.8092, -15.3958, 10.3500



30.8522, -9.0137, 6.2362



23.9299, -7.1783, 12.7391



15.5514, -4.7273, 3.2592



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.8092, -15.3958, 10.3500



27.9102, -22.1393, 15.0456



22.1807, -13.1393, 4.9412



12.8834, -1.9155, 1.4531



30.0523, -25.5057, 17.4966



74.1440, -63.2775, 43.9244

Inverse Universe

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



15.1883, 18.8903, -10.4312



18.0679, 29.3798, -15.8919



14.4146, 15.5944, 0.2986



12.3818, 0.6127, -0.0996



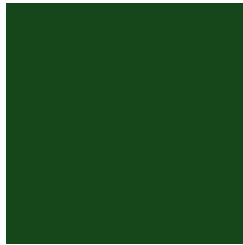
18.4510, 35.5343, -18.5916



45.4667, 87.4291, -44.7741

Previews

White Background



This preview shows how the HunterLab color 21.8087, -15.3955, 10.3499 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

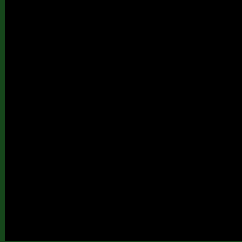
Any Text WCAG AA × Fail

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 21.8087, -15.3955, 10.3499 Background



This preview shows how black text looks on a background with the HunterLab color 21.8087, -15.3955, 10.3499.



This preview shows how white text looks on a background with the HunterLab color 21.8087,

-15.3955, 10.3499.

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

21.8087, -15.3955, 10.3499

Protanopia

21.8550, -2.7852, 11.0738

Deuteranopia

21.8251, 0.9963, 9.9444



Tritanopia

21.9989, -7.0968, -3.0922

Trichromacy



Original Color

21.8087, -15.3955, 10.3499

Protanomaly

21.4029, -8.4158, 10.4933

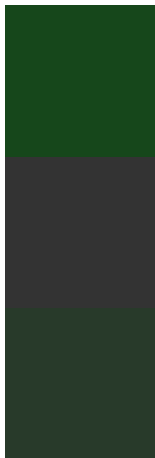
Deuteranomaly

21.1884, -6.3919, 9.5073

Tritanomaly

21.6698, -10.6044, 2.9305

Monochromacy



Original Color

21.8087, -15.3955, 10.3499

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

19.0903, -7.1707, 4.8347

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8087, -15.3955, 10.3499 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(22, 71, 27)` looks like.

```
.text, #text, p{  
    color:rgb(22, 71, 27)  
}
```

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(22, 71, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 71, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8087, -15.3955, 10.3499 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(22, 71, 27) }
```


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

```
.border{ border-color:rgb(22, 71, 27) }
```

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

Here you see how a box with a 4 pixel rgb(22, 71, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 71, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 71, 27);  
box-shadow:4px 4px 4px 4px rgb(22, 71, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8087, -15.3955, 10.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 71, 27) }
```

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

```
.background{ background-color: rgb(22, 71,  
27) }
```

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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