

Converting Colors

HunterLab(21.1501, -4.8966,
-13.7026)

Have a look what the booklet for
HunterLab(21.1501, -4.8966,
-13.7026) contains.

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Color

**HunterLab(21.1509, -4.9232,
-13.5465)**

Conversions

Conversions Part 1

Format	Color
Hex	0D4059
RGB	13, 64, 89
RGB Percent	5%, 25%, 35%
CMY	0.9490, 0.7490, 0.6510
CMYK	0.85, 0.28, 0.00, 0.65
HSL	200°, 74%, 20%
HSV	200°, 85%, 35%
XYZ	3.8025, 4.4736, 10.1142
YIQ	51.6010, -38.4210, -3.0370

Conversions

Conversions Part 2

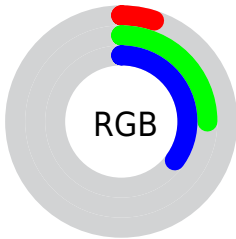
Format	Color
R_{YB}	13, 44, 89
Decimal	868441
CIE _{Lab}	25.18, -6.49, -19.58
CIE _{LCh}	25, 20.626, 251.664
Yxy	4.4738, 0.2068, 0.2433
Android (android.graphics.Color)	4279058521 (0xFF0D4059)
YUV	51.6010, 18.4377, -33.8531
Hunter-Lab	21.1509, -4.9232, -13.5465

Details

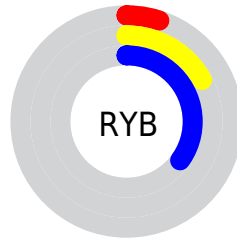
The HunterLab color **21.1509, -4.9232, -13.5465** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.8136, 13.4321, 10.6274**, and the grayscale version is **18.3467, -0.9789, 0.9968**.

A 20% lighter version of the original color is **38.4116, -6.9011, -14.1545**, and **8.6501, -0.2190, -10.3392** is the 20% darker color. If you saturate the color by 10%, you get **20.2313, -4.2842, -15.3065**, and if you desaturate by 10%, it is **22.1283, -5.3698, -11.7822**.

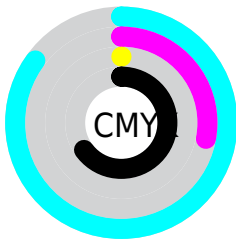
Distribution



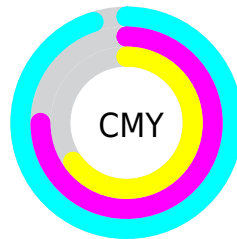
- Red (5%)
- Green (25%)
- Blue (35%)



- Red (5%)
- Yellow (17%)
- Blue (35%)



- Cyan (85%)
- Magenta (28%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1509, -4.9232, -13.5465 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 21.1509, -4.9232, -13.5465 by changing the saturation by 10% instead.

■ 21.1509, -4.9232,
-13.5465

■ 21.1509, -4.9232,
-13.5465

■ 120.2576,
-13.3668, -15.4111

■ 13.9354, -4.0060,
-13.0852

■ 38.3021, -6.7255,
-14.3974

■ 7.5724, -4.1383,
-13.5096

■ 48.0669, -7.6327,
-14.7302

0.0000, NaN, -NF

■ 58.5441, -8.5506,
-14.9956

0.0000, NaN, NaN

■ 69.6883, -9.4820,
-15.1957

0.0000, NaN, NaN

■ 81.4615, -10.4284,
-15.3339

0.0000, NaN, NaN

■ 93.8319, -11.3909,

0.0000, NaN, NaN

0.0000, NaN, NaN

-15.4137

0.0000, NaN, NaN

106.7720,
-12.3702, -15.4384

21.1509, -4.9232,
-13.5465

21.1509, -4.9232,
-13.5465

20.2313, -4.2842,
-15.3065

22.1283, -5.3698,
-11.7822

19.8090, -3.9874,
-16.1520

23.1774, -5.5681,
-9.9928

24.2967, -5.5268,
-8.1887

25.4829, -5.2599,
-6.3795

26.7324, -4.7843,
-4.5734

■ 28.0415, -4.1177,
-2.7765

■ 29.4063, -3.2780,
-0.9933

■ 30.8232, -2.2821,
0.7733

■ 32.2888, -1.1457,
2.5213

Harmonies

Analogous

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



21.1513, -9.6874, -8.3856



21.1509, -4.9232, -13.5465



21.1513, 1.4593, -14.1335

Triad

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



21.1513, -4.9230, -13.5461



21.1513, 12.5690, 3.4187



21.1513, -8.8199, 8.2517

Complementary

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



21.1509, -4.9232, -13.5465



18.8136, 13.4321, 10.6274

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.



21.1513, -3.5999, 9.8045



21.1509, -4.9232, -13.5465



21.1513, 9.0506, 7.6328

Square

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



21.1513, -4.9230, -13.5461



21.1513, 12.1030, -2.9449



21.1513, 2.9513, 9.6187



21.1513, -11.7428, 4.5633

Rectangle

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



21.1509, -4.9232, -13.5465



21.1513, 5.8459, -11.6884



21.1513, 2.9513, 9.6187



21.1513, -7.3042, 8.9821

Sweetspot

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



21.1513, -4.9230, -13.5461



36.3997, -5.5210, -3.9642



27.1375, -20.6966, 12.5229



18.1351, -2.8792, -2.2480



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.



21.1513, -4.9230, -13.5461



25.5734, -4.7299, -21.7540



12.6013, 11.3745, -36.5050



15.0305, -1.3044, 0.0901



23.8355, -4.5080, -20.0607



54.9845, -8.3547, -50.6904

Inverse Universe

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



16.6794, 26.3457, -6.5033



20.4053, 37.5706, -7.1702



26.8222, -2.2628, 15.6460



14.6282, 0.6796, 0.1763



18.9688, 34.9421, -6.7923



44.7694, 82.1388, -13.4718

Previews

White Background



This preview shows how the HunterLab color 21.1509, -4.9232, -13.5465 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 21.1509, -4.9232, -13.5465 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 21.1509, -4.9232, -13.5465 Background



This preview shows how black text looks on a background with the HunterLab color 21.1509, -4.9232, -13.5465.



This preview shows how white text looks on a background with the HunterLab color 21.1509, -4.9232, -13.5465.

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

21.1509, -4.9232, -13.5465

Protanopia

21.2459, 1.6338, -10.8636

Deuteranopia

21.3325, 1.0587, -13.7206



Tritanopia

21.1712, -10.2646, -4.3037

Trichromacy



Original Color

21.1509, -4.9232, -13.5465

Protanomaly

21.0272, -1.5871, -11.8956

Deuteranomaly

21.0137, -1.3190, -14.3665

Tritanomaly

21.1631, -8.4766, -7.3008

Monochromacy



Original Color

21.1509, -4.9232, -13.5465

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.0317, -3.5960, -3.9155

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1509, -4.9232, -13.5465 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(13, 64, 89)` looks like.

```
.text, #text, p{  
    color:rgb(13, 64, 89)  
}
```

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(13, 64, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 64, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1509, -4.9232, -13.5465 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(13, 64, 89) }
```


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

```
.border{ border-color:rgb(13, 64, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 64, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 64, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 64, 89);  
box-shadow:4px 4px 4px 4px rgb(13, 64, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1509, -4.9232, -13.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 64, 89) }
```

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

```
.background{ background-color: rgb(13, 64,  
89) }
```

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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