

Converting Colors

HunterLab(90.9330, -15.3801,
49.3343)

Have a look what the booklet for
HunterLab(90.9330, -15.3801,
49.3343) contains.

HunterLab(90.7714, -15.2075, 49.2018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(90.7714,
-15.2075, 49.2018)**

Conversions

Conversions Part 1

Format	Color
Hex	FEED5B
RGB	254, 237, 91
RGB Percent	100%, 93%, 36%
CMY	0.0039, 0.0706, 0.6431
CMYK	0.00, 0.07, 0.64, 0.00
HSL	54°, 99%, 68%
HSV	54°, 64%, 100%
XYZ	73.0455, 82.3945, 21.9514
YIQ	225.4390, 56.9980, -41.8020

Conversions

Conversions Part 2

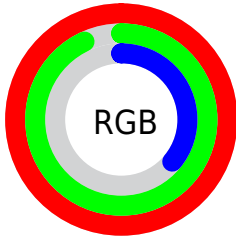
Format	Color
RYB	110, 254, 91
Decimal	16706907
CIELab	92.75, -10.76, 70.22
CIELCh	93, 71.044, 98.710
Yxy	82.3983, 0.4118, 0.4645
Android (android.graphics.Color)	4294896987 (0xFFFEED5B)
YUV	225.4390, -66.2784, 25.0480
Hunter-Lab	90.7714, -15.2075, 49.2018

Details

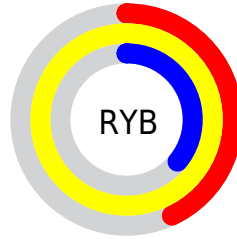
The HunterLab color **90.7714, -15.2075, 49.2018** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **44.8382, 31.2744, -95.8102**, and the grayscale version is **87.2273, -4.6542, 4.7392**.

A 20% lighter version of the original color is **97.4097, -19.7166, 42.8768**, and **66.7876, -12.6614, 39.9006** is the 20% darker color. If you saturate the color by 10%, you get **89.7271, -15.0421, 51.6605**, and if you desaturate by 10%, it is **91.9011, -14.9456, 45.6278**.

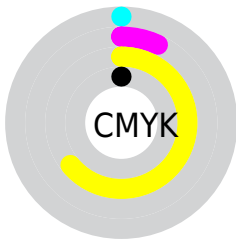
Distribution



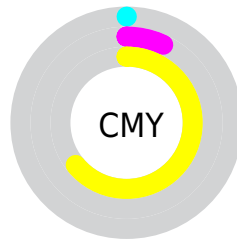
- Red (100%)
- Green (93%)
- Blue (36%)



- Red (43%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (7%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.7714, -15.2075, 49.2018 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 90.7714, -15.2075, 49.2018 by changing the saturation by 10% instead.

90.7714, -15.2075,
49.2018

90.7714, -15.2075,
49.2018

224.2720,
-26.1347, 84.2244

78.5455, -14.0467,
44.6975

116.9327,
-17.5613, 57.7330

66.9219, -12.8870,
40.0021

130.8170,
-18.7506, 61.7973

55.9361, -11.7283,
35.0917

145.2112,
-19.9508, 65.7491

45.6274, -10.5659,
29.9451

160.0977,
-21.1625, 69.6017

36.0437, -9.3927,
24.8301

175.4608,
-22.3864, 73.3665

27.2446, -8.1976,
19.0712

191.2861,

19.3075, -6.9621,

-23.6229, 77.0530

13.5153

207.5605,
-24.8722, 80.6699

■ 12.3390, -5.6517,
8.6373

■ 5.5180, -8.7907,
3.8626

■ 90.7714, -15.2075,
49.2018

■ 90.7714, -15.2075,
49.2018

■ 89.7271, -15.0421,
51.6605

■ 91.9011, -14.9456,
45.6278

■ 88.7557, -14.4734,
53.0842

■ 93.1141, -14.2231,
40.8814

■ 87.8510, -13.5532,
53.5960

■ 94.4157, -13.0282,
34.9302

■ 87.3460, -12.9018,
53.5964

■ 95.8080, -11.3524,
27.7588

■ 97.2921, -9.1935,
19.3668

■ 98.8688, -6.5537,
9.7660

99.9053, -5.6653,
5.3159

Harmonies

Analogous

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



90.7735, 22.0010, 47.6733



90.7714, -15.2075, 49.2018



90.7735, -44.6201, 43.0657

Triad

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



90.7735, -15.2108, 49.2025



90.7735, -53.2816, -47.3671



90.7735, 70.0438, -22.7245

Complementary

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



90.7714, -15.2075, 49.2018



44.8382, 31.2744, -95.8102

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.



90.7735, 43.2248, -63.9198



90.7714, -15.2075, 49.2018



90.7735, -28.8994, -81.6149

Square

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



90.7735, -15.2108, 49.2025



90.7735, -64.2126, -5.7362



90.7735, 6.0010, -88.6411



90.7735, 75.2548, 14.4607

Rectangle

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



90.7714, -15.2075, 49.2018



90.7735, -57.2714, 33.1754



90.7735, 6.0010, -88.6411



90.7735, 63.0749, -36.9094

Sweetspot

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



90.7735, -15.2108, 49.2025



96.9961, -10.3432, 23.6799



54.4793, 60.0641, 18.5605



44.6791, -5.0642, 12.0508

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



90.7735, -15.2108, 49.2025



89.8443, -14.9861, 52.4001



90.9847, -43.5781, 48.8511



45.5500, -3.7278, 6.9882



63.5236, -9.5276, 38.9762



20.0454, -3.3213, 12.2937

Inverse Universe

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



44.8382, 31.2744, -95.8102



37.0789, 44.0907, -127.6602



46.3232, 53.2609, -90.5357



42.0504, -0.7652, -2.6541



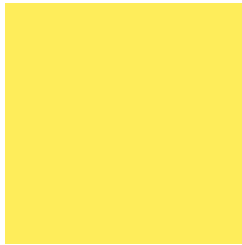
20.6658, 47.4506, -128.2627



7.1526, 12.2005, -35.2775

Previews

White Background



This preview shows how the HunterLab color 90.7714, -15.2075, 49.2018 looks on a white background.

Color Contrast Check

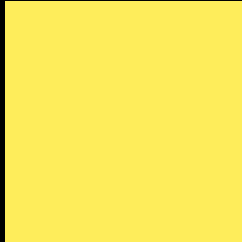
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 90.7714, -15.2075, 49.2018 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 90.7714, -15.2075, 49.2018 Background



This preview shows how black text looks on a background with the HunterLab color 90.7714, -15.2075, 49.2018.



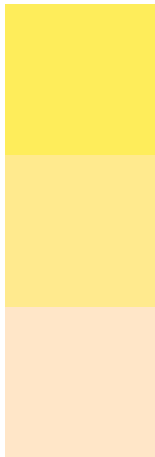
This preview shows how white text looks on a background with the HunterLab color 90.7714, -15.2075, 49.2018.

-15.2075, 49.2018.

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

90.7714, -15.2075, 49.2018

Protanopia

90.5862, -9.6640, 38.8998

Deuteranopia

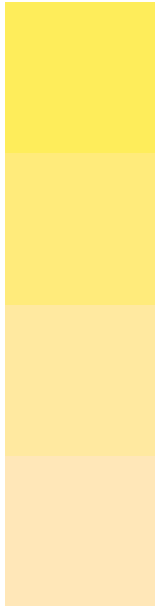
90.5670, -0.8934, 20.0187



Tritanopia

90.7263, 6.4858, 3.6594

Trichromacy



Original Color

90.7714, -15.2075, 49.2018

Protanomaly

90.6128, -11.7669, 43.3679

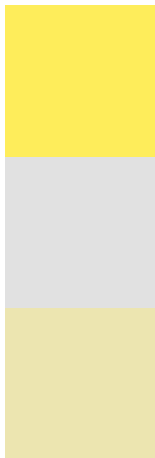
Deuteranomaly

90.5957, -7.3738, 33.9302

Tritanomaly

90.4834, -3.5500, 25.9791

Monochromacy



Original Color

90.7714, -15.2075, 49.2018

Achromatopsia

86.7722, -4.6299, 4.7145

Achromatomaly

87.7531, -10.2688, 26.1416

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 90.7714, -15.2075, 49.2018 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(254, 237, 91)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 91)  
}
```

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(254, 237, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 90.7714, -15.2075, 49.2018 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(254, 237, 91) }
```


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

```
.border{ border-color:rgb(254, 237, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 237, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 91);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 90.7714, -15.2075, 49.2018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 91) }
```

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

```
.background{ background-color: rgb(254,  
237, 91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor