

Converting Colors

HunterLab(53.1091, 50.7047,
-149.9863)

Have a look what the booklet for
HunterLab(53.1091, 50.7047,
-149.9863) contains.

HunterLab(47.7981, 26.0201, -87.4455)	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(47.7981, 26.0201,
-87.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	5F77FF
RGB	95, 119, 255
RGB Percent	37%, 47%, 100%
CMY	0.6274, 0.5333, 0.0000
CMYK	0.63, 0.53, 0.00, 0.00
HSL	231°, 100%, 69%
HSV	231°, 63%, 100%
XYZ	29.3662, 22.8466, 97.4699
YIQ	127.3280, -57.9600, 37.2080

Conversions

Conversions Part 2

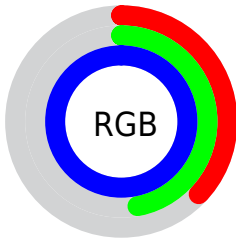
Format	Color
R _Y B	95, 116, 255
Decimal	6256639
CIE Lab	54.91, 32.36, -70.49
CIE LCh	55, 77.557, 294.657
Yxy	22.8472, 0.1962, 0.1526
Android (android.graphics.Color)	4284446719 (0xFF5F77FF)
YUV	127.3280, 62.9423, -28.3517
Hunter-Lab	47.7981, 26.0201, -87.4455

Details

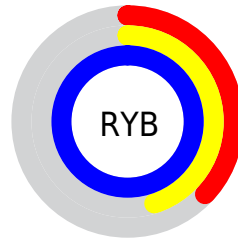
The HunterLab color **47.7981, 26.0201, -87.4455** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **89.0185, -11.6399, 47.4367**, and the grayscale version is **45.9757, -2.4531, 2.4979**.

A 20% lighter version of the original color is **66.1186, 10.9376, -43.9033**, and **29.2193, 24.1976, -88.7573** is the 20% darker color. If you saturate the color by 10%, you get **41.3683, 34.8100, -109.4935**, and if you desaturate by 10%, it is **54.9583, 18.6168, -67.8736**.

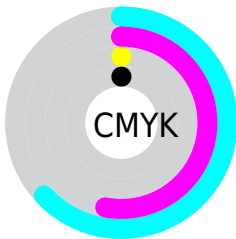
Distribution



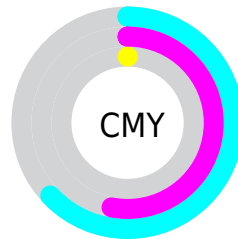
- Red (37%)
- Green (47%)
- Blue (100%)



- Red (37%)
- Yellow (45%)
- Blue (100%)



- Cyan (63%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7981, 26.0201, -87.4455 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 47.7981, 26.0201, -87.4455 by changing the saturation by 10% instead.

■ 47.7981, 26.0201,
-87.4455

■ 47.7981, 26.0201,
-87.4455

163.3827, 31.9033,
-93.6507

■ 38.0535, 24.8969,
-88.0116

■ 69.3846, 27.9260,
-87.8939

■ 29.0788, 23.6425,
-89.6642

■ 81.1417, 28.7279,
-88.5190

■ 20.9474, 22.2500,
-93.3908

■ 93.4966, 29.4412,
-89.2759

■ 13.7581, 20.7309,
-101.6241

106.4219, 30.0733,
-90.1099

■ 7.3761, 20.9210,
-127.1578

119.8933, 30.6305,
-90.9849

0.0000, INF, -NF

0.0000, NaN, -NF

133.8896, 31.1182,

-91.8768

0.0000, NaN, -NF

148.3918, 31.5411,
-92.7692

0.0000, NaN, -NF

■ 47.7981, 26.0201,
-87.4455

■ 47.7981, 26.0201,
-87.4455

■ 41.3683, 34.8100,
-109.4935

■ 54.9583, 18.6168,
-67.8736

■ 35.8835, 44.8973,
-133.4224

■ 62.6873, 12.4200,
-50.6355

■ 31.6059, 55.5365,
-157.0286

■ 70.8719, 7.2003,
-35.3500

■ 29.3625, 62.6051,
-171.8470

■ 79.4306, 2.7495,
-21.6258

■ 88.3046, -1.1002,
-9.1285

97.4499, -4.4783,
2.4090

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



47.7987, -8.1667, -100.5635



47.7981, 26.0201, -87.4455



47.7987, 58.9397, -45.3562

Triad

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



47.7987, 26.0212, -87.4434



47.7987, 38.6534, 29.9913



47.7987, -49.7945, 7.7535

Complementary

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



47.7981, 26.0201, -87.4455



89.0185, -11.6399, 47.4367

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.



47.7987, -43.2029, 25.6305



47.7981, 26.0201, -87.4455



47.7987, 3.3324, 31.9160

Square

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



47.7987, 26.0212, -87.4434



47.7987, 67.4790, 21.1882



47.7987, -25.6753, 31.1152



47.7987, -46.7115, -28.9499

Rectangle

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



47.7981, 26.0201, -87.4455



47.7987, 72.7299, -15.6899



47.7987, -25.6753, 31.1152



47.7987, -48.7039, 15.6776

Sweetspot

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



47.7987, 26.0212, -87.4434



82.7166, 1.2464, -16.8219



89.2877, -46.4914, 4.0023



37.1045, 1.1049, -9.4748

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7987, 26.0212, -87.4434



40.0381, 36.9874, -114.7801



46.8891, 50.8283, -89.8462



42.2105, -1.0363, -2.4519



21.5307, 44.0911, -122.0914



7.5819, 10.7944, -32.7786

Inverse Universe

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



55.4779, 59.4863, 16.5744



50.6743, 69.8670, 20.4863



91.9179, -41.6593, 48.9252



42.4635, 1.8599, 2.8451



33.4603, 57.5622, 19.6028



10.5004, 18.1817, 5.2385

Previews

White Background



This preview shows how the HunterLab color 47.7981, 26.0201, -87.4455 looks on a white background.

Color Contrast Check

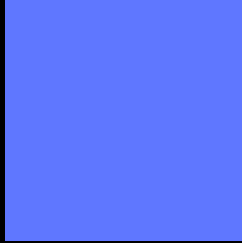
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7981, 26.0201, -87.4455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

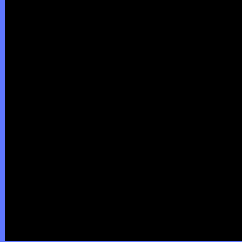
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 47.7981, 26.0201, -87.4455 Background



This preview shows how black text looks on a background with the HunterLab color 47.7981, 26.0201, -87.4455.



This preview shows how white text looks on a background with the HunterLab color 47.7981, 26.0201, -87.4455.

-87.4455.

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

47.7981, 26.0201, -87.4455

Protanopia

47.8244, 16.8097, -87.5258

Deuteranopia

47.8888, 2.7932, -65.8865



Tritanopia

47.7472, -20.5683, -9.9946

Trichromacy



Original Color

47.7981, 26.0201, -87.4455

Protanomaly

47.5551, 20.0643, -88.2991

Deuteranomaly

47.3378, 9.2431, -74.8996

Tritanomaly

47.0047, -6.1492, -34.0468

Monochromacy



Original Color

47.7981, 26.0201, -87.4455

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

45.9523, 4.7226, -23.2691

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7981, 26.0201, -87.4455 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(95, 119, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 119, 255)  
}
```

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(95, 119, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 119, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7981, 26.0201, -87.4455 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(95, 119, 255) }
```


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

```
.border{ border-color:rgb(95, 119, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 119, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 119, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 119, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 119,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7981, 26.0201, -87.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 119, 255) }
```

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

```
.background{ background-color: rgb(95, 119,  
255) }
```

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