

Converting Colors

HunterLab(80.4876, 48.9728,
-15.1176)

Have a look what the booklet for
HunterLab(80.4876, 48.9728,
-15.1176) contains.

HunterLab(76.6141, 37.2006, -20.8652)	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(76.6141, 37.2006,
-20.8652)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFF8
RGB	255, 175, 248
RGB Percent	100%, 69%, 97%
CMY	0.0000, 0.3137, 0.0274
CMYK	0.00, 0.31, 0.03, 0.00
HSL	305°, 100%, 84%
HSV	305°, 31%, 100%
XYZ	73.5132, 58.6972, 96.2620
YIQ	207.2420, 24.2470, 39.6630

Conversions

Conversions Part 2

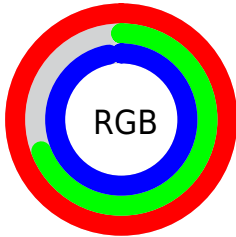
Format	Color
R _Y B	255, 175, 248
Decimal	16756728
CIE _{Lab}	81.13, 40.32, -24.49
CIE _{LCh}	81, 47.177, 328.721
Yxy	58.6995, 0.3218, 0.2569
Android (android.graphics.Color)	4294946808 (0xFFFFAFF8)
YUV	207.2420, 20.0937, 41.8838
Hunter-Lab	76.6141, 37.2006, -20.8652

Details

The HunterLab color $76.6141, 37.2006, -20.8652$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $91.6582, -39.8847, 27.1520$, and the grayscale version is $79.0055, -4.2155, 4.2925$.

A 20% lighter version of the original color is $92.5375, 7.5482, -3.4632$, and $54.1356, 34.7377, -20.0170$ is the 20% darker color. If you saturate the color by 10%, you get $70.3953, 50.9255, -29.0095$, and if you desaturate by 10%, it is $83.4984, 23.4096, -12.4951$.

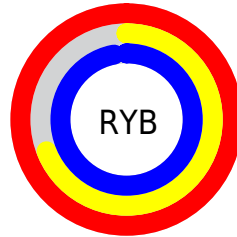
Distribution



Red (100%)

Green (69%)

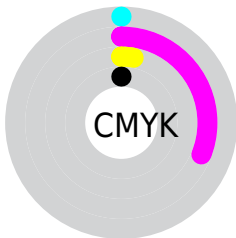
Blue (97%)



Red (100%)

Yellow (69%)

Blue (97%)

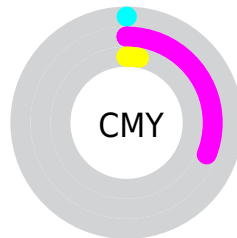


Cyan (0%)

Magenta (31%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.6141, 37.2006, -20.8652 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 76.6141, 37.2006, -20.8652 by changing the saturation by 10% instead.


 76.6141, 37.2006,
-20.8652

 76.6141, 37.2006,
-20.8652


204.8872, 43.8357,
-21.3190

 65.0932, 36.0496,
-20.5478


 101.4598, 39.2049,
-21.3197

 54.2145, 34.7946,
-20.1715

114.7269, 40.0785,
-21.4647

 44.0201, 33.4240,
-19.7359


128.5267, 40.8736,
-21.5574

 34.5594, 31.9308,
-19.2472

142.8394, 41.5954,
-21.6005

 25.8944, 30.3139,
-18.7248

157.6470, 42.2487,
-21.5962

 18.1064, 28.5944,
-18.2234

172.9337, 42.8374,

 11.3083, 26.8748,

-21.5465

-17.9109

188.6849, 43.3654,
-21.4535

3.5309, 50.9803,
-33.5609

0.0000, INF, -NF

76.6141, 37.2006,
-20.8652

76.6141, 37.2006,
-20.8652

70.3953, 50.9255,
-29.0095

83.4984, 23.4096,
-12.4951

64.9464, 64.1871,
-36.6555

90.9470, 9.7946,
-4.0773

60.3818, 76.3692,
-43.4072

98.8793, -3.5343,
4.2930

56.8000, 86.6871,
-48.7856

100.0000, -5.3358,
5.4332

■ 54.2578, 94.3478,
-52.3371

■ 52.7351, 98.8445,
-53.8130

■ 52.0821, 100.4537,
-53.6434

Harmonies

Analogous

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



76.6156, 18.1889, -42.2927



76.6141, 37.2006, -20.8652



76.6156, 44.9763, 3.2312

Triad

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



76.6156, 37.1976, -20.8636



76.6156, -3.1085, 35.2968



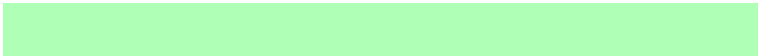
76.6156, -38.9467, -18.7597

Complementary

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



76.6141, 37.2006, -20.8652



91.6582, -39.8847, 27.1520

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.



76.6156, -43.2615, 5.0978



76.6141, 37.2006, -20.8652



76.6156, -24.0861, 32.5188

Square

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



76.6156, 37.1976, -20.8636



76.6156, 20.0850, 31.9853



76.6156, -38.1477, 22.8548



76.6156, -25.5994, -40.8485

Rectangle

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



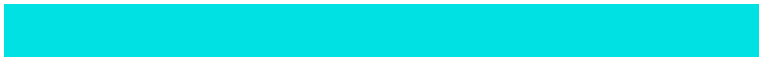
76.6141, 37.2006, -20.8652



76.6156, 42.1269, 16.4106



76.6156, -38.1477, 22.8548



76.6156, -41.4273, -10.4961

Sweetspot

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



76.6156, 37.1976, -20.8636



92.7862, 6.6070, -2.0866



69.1284, 14.8338, -38.2868



42.4034, 3.9610, -1.5305

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6156, 37.1976, -20.8636



72.4112, 46.3266, -26.3037



75.1617, 29.9534, -0.4060



42.7450, 3.3700, -1.1613



37.6630, 72.6664, -38.9755



11.7850, 22.7892, -12.5938

Inverse Universe

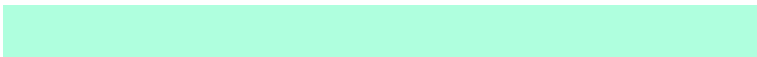
The Inverse Universe completely reimagines the original color for something new.



76.6156, 37.1976, -20.8636



72.4112, 46.3266, -26.3037



92.6773, -33.9478, 12.4505



42.7450, 3.3700, -1.1613



37.6630, 72.6664, -38.9755



11.7850, 22.7892, -12.5938

Previews

White Background



This preview shows how the HunterLab color 76.6141, 37.2006, -20.8652 looks on a white background.

Color Contrast Check

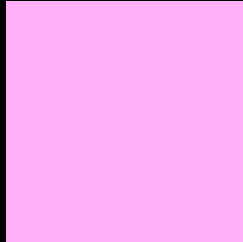
Large Text (above 18pt) WCAG AA × Fail

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 76.6141, 37.2006, -20.8652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

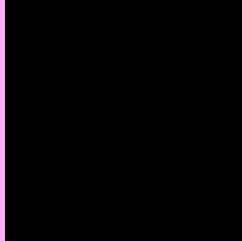
Any Text WCAG AA ✓ Pass

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 76.6141, 37.2006, -20.8652 Background



This preview shows how black text looks on a background with the HunterLab color 76.6141, 37.2006, -20.8652.



This preview shows how white text looks on a background with the HunterLab color 76.6141, 37.2006, -20.8652.

-20.8652.

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

76.6141, 37.2006, -20.8652

Protanopia

76.8722, 2.9331, -25.5494

Deuteranopia

76.7344, 6.1776, -18.7393



Tritanopia

76.7862, 20.7348, 5.9572

Trichromacy



Original Color

76.6141, 37.2006, -20.8652



Protanomaly

76.3459, 14.5165, -24.2230



Deuteranomaly

76.3937, 17.0155, -19.6740



Tritanomaly

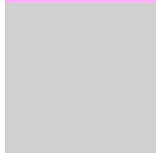
76.5289, 26.6216, -3.2355

Monochromacy



Original Color

76.6141, 37.2006, -20.8652



Achromatopsia

78.9912, -4.2148, 4.2917



Achromatomaly

77.5574, 10.2841, -4.8597

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6141, 37.2006, -20.8652 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(255, 175, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 248)  
}
```

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(255, 175, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 248) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6141, 37.2006, -20.8652 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(255, 175, 248) }
```


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

```
.border{ border-color:rgb(255, 175, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
248) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6141, 37.2006, -20.8652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 248) }
```

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

```
.background{ background-color: rgb(255,  
175, 248) }
```

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