

Converting Colors

HunterLab(46.9745, 18.6152,
-87.7863)

Have a look what the booklet for
HunterLab(46.9745, 18.6152,
-87.7863) contains.

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Color

**HunterLab(47.1037, 18.4310,
-87.6225)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7BFD
RGB	59, 123, 253
RGB Percent	23%, 48%, 99%
CMY	0.7686, 0.5176, 0.0078
CMYK	0.77, 0.51, 0.00, 0.01
HSL	220°, 98%, 61%
HSV	220°, 77%, 99%
XYZ	26.6162, 22.1876, 95.8083
YIQ	118.6840, -79.8740, 26.8620

Conversions

Conversions Part 2

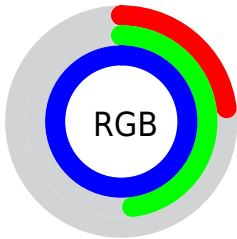
Format	Color
R _Y B	59, 107, 253
Decimal	3898365
CIE Lab	54.23, 24.42, -70.57
CIE LCh	54, 74.679, 289.091
Yxy	22.1882, 0.1841, 0.1534
Android (android.graphics.Color)	4282088445 (0xFF3B7BFD)
YUV	118.6840, 66.2178, -52.3429
Hunter-Lab	47.1037, 18.4310, -87.6225

Details

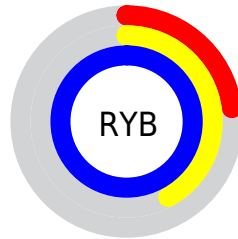
The HunterLab color $[47.1037, 18.4310, -87.6225]$ is a dark color, and the websafe version is hex $3366CC$. The color can be described as middle washed azure. A complement of this color would be $[75.8952, 7.1211, 43.6569]$, and the grayscale version is $[42.6040, -2.2732, 2.3148]$.

A 20% lighter version of the original color is $[65.4106, 2.5901, -45.4040]$, and $[29.9538, 21.2746, -83.3653]$ is the 20% darker color. If you saturate the color by 10%, you get $[42.1243, 26.0271, -104.3853]$, and if you desaturate by 10%, it is $[52.6635, 12.1856, -71.9578]$.

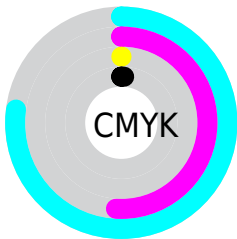
Distribution



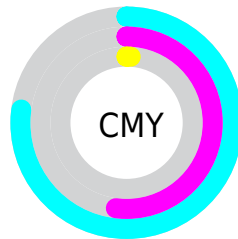
- Red (23%)
- Green (48%)
- Blue (99%)



- Red (23%)
- Yellow (42%)
- Blue (99%)



- Cyan (77%)
- Magenta (51%)
- Yellow (0%)
- Black (1%)



- Cyan (77%)
- Magenta (52%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1037, 18.4310, -87.6225 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 47.1037, 18.4310, -87.6225 by changing the saturation by 10% instead.

■ 47.1037, 18.4310,
-87.6225

■ 47.1037, 18.4310,
-87.6225

162.3353, 21.5963,
-93.7445

■ 37.4102, 17.6556,
-88.2522

■ 68.5980, 19.6700,
-88.0126

■ 28.4910, 16.7539,
-90.0181

■ 80.3127, 20.1528,
-88.6242

■ 20.4209, 15.7101,
-93.9692

■ 92.6275, 20.5566,
-89.3733

■ 13.3011, 14.5094,
-102.7230

■ 105.5143, 20.8883,
-90.2029

■ 6.8400, 15.6153,
-133.5263

118.9488, 21.1536,
-91.0761

0.0000, NaN, -NF

0.0000, NaN, -NF

132.9096, 21.3573,

-91.9678

0.0000, NaN, -NF

147.3775, 21.5037,
-92.8612

0.0000, NaN, -NF

■ 47.1037, 18.4310,
-87.6225

■ 47.1037, 18.4310,
-87.6225

■ 42.1243, 26.0271,
-104.3853

■ 52.6635, 12.1856,
-71.9578

■ 37.8233, 34.8733,
-121.7542

■ 58.7077, 7.1881,
-57.5496

■ 36.5344, 37.9711,
-127.6334

■ 65.1582, 3.2722,
-44.3523

■ 71.9521, 0.2626,
-32.2343

■ 79.0397, -1.9978,
-21.0399

■ 86.3819, -3.6407,
-10.6194

■ 93.9477, -4.7732,
-0.8405

99.9359, -5.6869,
6.3475

Harmonies

Analogous

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



47.1043, -13.1956, -92.9020



47.1037, 18.4310, -87.6225



47.1043, 51.0384, -51.1695

Triad

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



47.1043, 18.4326, -87.6212



47.1043, 42.8137, 28.3459



47.1043, -47.6621, 12.0182

Complementary

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



47.1037, 18.4310, -87.6225



75.8952, 7.1211, 43.6569

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.



47.1043, -39.4009, 26.5321



47.1037, 18.4310, -87.6225



47.1043, 9.2092, 31.1079

Square

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



47.1043, 18.4326, -87.6212



47.1043, 67.4245, 17.5041



47.1043, -20.3424, 30.7657



47.1043, -46.3928, -19.8008

Rectangle

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



47.1037, 18.4310, -87.6225



47.1043, 66.4502, -22.2617



47.1043, -20.3424, 30.7657



47.1043, -46.0139, 18.5491

Sweetspot

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



47.1043, 18.4326, -87.6212



82.4370, -2.6893, -17.2932



86.5025, -56.3669, 19.5742



36.9131, -0.9371, -9.7963

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.1043, 18.4326, -87.6212



40.0842, 30.9115, -114.6968



35.3033, 57.7632, -133.3045



42.8443, -2.1000, -1.6591



27.0865, 26.4963, -91.0537



9.5114, 5.6311, -24.0444

Inverse Universe

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



50.4404, 73.2703, 10.3372



47.5944, 80.5725, 16.4105



92.6754, -35.7664, 53.8315



42.5275, 2.2043, 1.9315



33.8653, 59.0579, 13.6472



10.6577, 18.7606, 2.9414

Previews

White Background



This preview shows how the HunterLab color 47.1037, 18.4310, -87.6225 looks on a white background.

Color Contrast Check

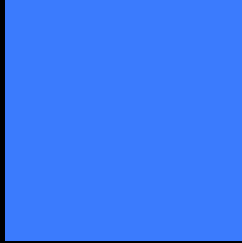
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1037, 18.4310, -87.6225 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

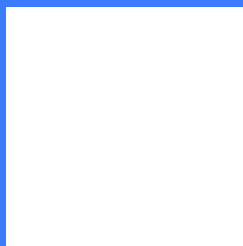
Any Text WCAG AAA × Fail

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

HunterLab 47.1037, 18.4310, -87.6225 Background



This preview shows how black text looks on a background with the HunterLab color 47.1037, 18.4310, -87.6225.



This preview shows how white text looks on a background with the HunterLab color 47.1037, 18.4310, -87.6225.

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

47.1037, 18.4310, -87.6225

Protanopia

47.0414, 17.0154, -88.8960

Deuteranopia

47.0741, 2.5366, -64.3143



Tritanopia

46.8453, -22.6427, -9.6736

Trichromacy



Original Color

47.1037, 18.4310, -87.6225

Protanomaly

47.1690, 17.4058, -88.4908

Deuteranomaly

46.9393, 7.5720, -73.1161

Tritanomaly

46.3054, -10.4956, -33.2949

Monochromacy



Original Color

47.1037, 18.4310, -87.6225

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

43.3607, 1.1580, -23.9163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1037, 18.4310, -87.6225 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(59, 123, 253)` looks like.

```
.text, #text, p{  
    color:rgb(59, 123, 253)  
}
```

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(59, 123, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 123, 253) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1037, 18.4310, -87.6225 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(59, 123, 253) }
```


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

```
.border{ border-color:rgb(59, 123, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 123, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 123, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 123, 253);  
box-shadow:4px 4px 4px 4px rgb(59, 123,  
253) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.1037, 18.4310, -87.6225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 123, 253) }
```

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

```
.background{ background-color: rgb(59, 123,  
253) }
```

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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