

Converting Colors

HunterLab(44.1726, 24.5685,
-99.3369)

Have a look what the booklet for
HunterLab(44.1726, 24.5685,
-99.3369) contains.

HunterLab(44.1726, 24.5685, -99.3369)	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(44.1726, 24.5685,
-99.3369)**

Conversions

Conversions Part 1

Format	Color
Hex	3370FF
RGB	51, 112, 255
RGB Percent	20%, 44%, 100%
CMY	0.7999, 0.5608, 0.0000
CMYK	0.80, 0.56, 0.00, 0.00
HSL	222°, 100%, 60%
HSV	222°, 80%, 100%
XYZ	25.2095, 19.5122, 97.0454
YIQ	110.0630, -82.2590, 31.5410

Conversions

Conversions Part 2

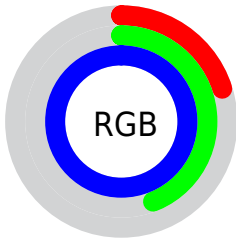
Format	Color
R _Y B	51, 98, 255
Decimal	3371263
CIE _{Lab}	51.28, 31.25, -76.47
CIE _{LCh}	51, 82.608, 292.227
Yxy	19.5126, 0.1778, 0.1376
Android (android.graphics.Color)	4281561343 (0xFF3370FF)
YUV	110.0630, 71.4539, -51.7983
Hunter-Lab	44.1726, 24.5685, -99.3369

Details

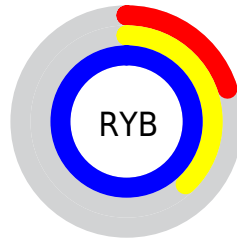
The HunterLab color **44.1726, 24.5685, -99.3369** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **77.5185, 5.1143, 45.4589**, and the grayscale version is **39.2720, -2.0955, 2.1337**.

A 20% lighter version of the original color is **61.7102, 8.2890, -52.7266**, and **27.9496, 27.5239, -94.3507** is the 20% darker color. If you saturate the color by 10%, you get **39.3201, 33.2302, -117.8467**, and if you desaturate by 10%, it is **49.7094, 17.2805, -81.9084**.

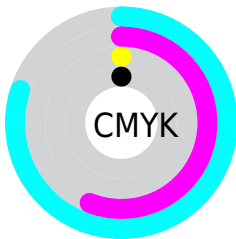
Distribution



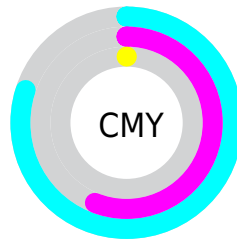
- Red (20%)
- Green (44%)
- Blue (100%)



- Red (20%)
- Yellow (38%)
- Blue (100%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.1726, 24.5685, -99.3369 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 44.1726, 24.5685, -99.3369 by changing the saturation by 10% instead.

■ 44.1726, 24.5685,
-99.3369

■ 44.1726, 24.5685,
-99.3369

157.8810, 30.3402,
-104.2309

■ 34.7005, 23.4477,
-100.8356

■ 65.2675, 26.4614,
-98.8480

■ 26.0227, 22.1912,
-104.0724

■ 76.7997, 27.2527,
-99.2468

■ 18.2203, 20.7939,
-110.7336

■ 88.9408, 27.9538,
-99.8685

■ 11.4056, 19.2793,
-125.3084

■ 101.6618, 28.5724,
-100.6303

■ 3.7667, 36.0065,
-254.4386

114.9375, 29.1150,
-101.4784

0.0000, NaN, -NF

0.0000, NaN, -NF

128.7454, 29.5874,

-102.3765

0.0000, NaN, -NF

143.0658, 29.9944,
-103.2998

0.0000, NaN, -NF

■ 44.1726, 24.5685,
-99.3369

■ 44.1726, 24.5685,
-99.3369

■ 39.3201, 33.2302,
-117.8467

■ 49.7094, 17.2805,
-81.9084

■ 35.2463, 42.9064,
-136.6756

■ 55.8107, 11.3388,
-65.9169

■ 35.2436, 42.9136,
-136.6897

■ 62.3779, 6.5869,
-51.3721

■ 69.3329, 2.8338,
-38.1316

■ 76.6150, -0.0984,
-26.0059

■ 84.1776, -2.3602,
-14.8078

■ 91.9842, -4.0738,
-4.3721

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.



44.1731, -10.6919, -110.5641



44.1726, 24.5685, -99.3369



44.1731, 60.5155, -53.5569

Triad

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



44.1731, 24.5702, -99.3350



44.1731, 44.1118, 28.5395



44.1731, -49.5894, 9.8762

Complementary

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



44.1726, 24.5685, -99.3369



77.5185, 5.1143, 45.4589

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.



44.1731, -42.4387, 25.8105



44.1726, 24.5685, -99.3369



44.1731, 6.6407, 30.3048

Square

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



44.1731, 24.5702, -99.3350



44.1731, 73.9303, 19.7991



44.1731, -24.0682, 29.8001



44.1731, -47.3850, -27.4057

Rectangle

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



44.1726, 24.5685, -99.3369



44.1731, 76.6647, -20.5273



44.1731, -24.0682, 29.8001



44.1731, -48.2983, 17.2514

Sweetspot

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



44.1731, 24.5702, -99.3350



81.1159, -1.5258, -19.1951



87.2414, -56.8316, 18.1540



36.2845, -0.3259, -10.7365

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.1731, 24.5702, -99.3350



36.7849, 38.9875, -129.1399



34.4312, 62.2482, -140.6068



42.7350, -1.9177, -1.7949



25.9156, 29.7468, -96.6070



9.1381, 6.5145, -25.4847

Inverse Universe

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



49.7987, 75.4034, 13.7550



47.0233, 80.6594, 19.9709



92.7825, -38.9561, 54.4874



42.5164, 2.1446, 2.0897



33.7727, 58.7167, 15.0027



10.6247, 18.6395, 3.4206

Previews

White Background



This preview shows how the HunterLab color 44.1726, 24.5685, -99.3369 looks on a white background.

Color Contrast Check

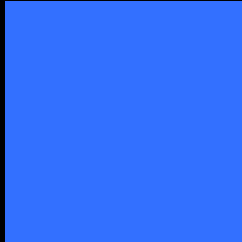
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.1726, 24.5685, -99.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

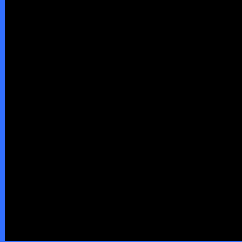
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

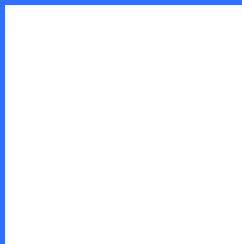
Any Text WCAG AAA × Fail

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

HunterLab 44.1726, 24.5685, -99.3369 Background



This preview shows how black text looks on a background with the HunterLab color 44.1726, 24.5685, -99.3369.



This preview shows how white text looks on a background with the HunterLab color 44.1726, 24.5685, -99.3369.

-99.3369.

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

44.1726, 24.5685, -99.3369

Protanopia

44.1587, 16.9250, -91.7307

Deuteranopia

43.8980, 1.8410, -58.8429



Tritanopia

43.9444, -21.5713, -8.3605

Trichromacy



Original Color

44.1726, 24.5685, -99.3369

Protanomaly

44.0056, 19.5783, -95.5075

Deuteranomaly

43.8503, 9.2664, -73.0468

Tritanomaly

43.3335, -7.8266, -35.4807

Monochromacy



Original Color

44.1726, 24.5685, -99.3369

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.1710, 2.6415, -26.3424

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.1726, 24.5685, -99.3369 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(51, 112, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 112, 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(51, 112, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 112, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 44.1726, 24.5685, -99.3369 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(51, 112, 255) }
```


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

```
.border{ border-color:rgb(51, 112, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 112, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 112, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 112, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 112,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.1726, 24.5685, -99.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 112, 255) }
```

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

```
.background{ background-color: rgb(51, 112,  
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