

Converting Colors

HunterLab(24.0437, 51.2887,
-113.5842)

Have a look what the booklet for
HunterLab(24.0437, 51.2887,
-113.5842) contains.

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Color

**HunterLab(23.9928, 51.1352,
-113.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	4217C4
RGB	66, 23, 196
RGB Percent	26%, 9%, 77%
CMY	0.7411, 0.9098, 0.2314
CMYK	0.66, 0.88, 0.00, 0.23
HSL	255°, 79%, 43%
HSV	255°, 88%, 77%
XYZ	12.5169, 5.7565, 52.6759
YIQ	55.5790, -29.9050, 62.9190

Conversions

Conversions Part 2

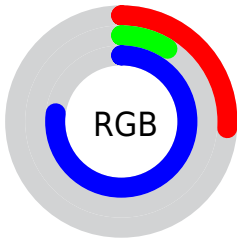
Format	Color
R _Y B	66, 23, 196
Decimal	4331460
CIE Lab	28.79, 61.33, -79.78
CIE LCh	29, 100.628, 307.549
Yxy	5.7566, 0.1764, 0.0811
Android (android.graphics.Color)	4282521540 (0xFF4217C4)
YUV	55.5790, 69.2276, 9.1392
Hunter-Lab	23.9928, 51.1352, -113.3754

Details

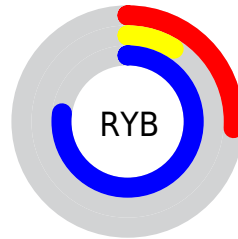
The HunterLab color **23.9928, 51.1352, -113.3754** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **68.0536, -32.4606, 40.6600**, and the grayscale version is **19.5219, -1.0416, 1.0607**.

A 20% lighter version of the original color is **41.8450, 55.2958, -106.1037**, and **13.8675, 37.6157, -98.5347** is the 20% darker color. If you saturate the color by 10%, you get **21.8411, 54.7837, -127.3520**, and if you desaturate by 10%, it is **27.2426, 45.2603, -96.0812**.

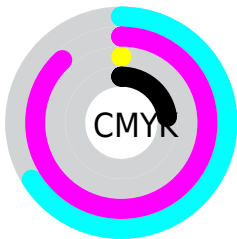
Distribution



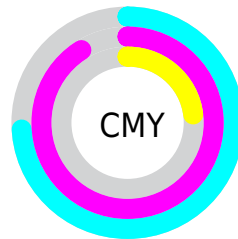
- Red (26%)
- Green (9%)
- Blue (77%)



- Red (26%)
- Yellow (9%)
- Blue (77%)



- Cyan (66%)
- Magenta (88%)
- Yellow (0%)
- Black (23%)



- Cyan (74%)
- Magenta (91%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.9928, 51.1352, -113.3754 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 23.9928, 51.1352, -113.3754 by changing the saturation by 10% instead.

■ 23.9928, 51.1352,
-113.3754

■ 23.9928, 51.1352,
-113.3754

■ 125.2562, 67.9576,
-108.3216

■ 16.4245, 49.1988,
-122.6382

■ 41.7421, 55.4217,
-106.5188

■ 9.8793, 48.0641,
-143.3203

■ 51.7700, 57.5027,
-105.5117

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.4927, 59.4923,
-105.2527

0.0000, NaN, -NF

■ 73.8680, 61.3817,
-105.4558

0.0000, NaN, -NF

■ 85.8603, 63.1698,
-105.9521

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.4394, 64.8591,

-106.6368

111.5790, 66.4535,
-107.4418

23.9928, 51.1352,
-113.3754

23.9928, 51.1352,
-113.3754

21.8411, 54.7837,
-127.3520

27.2426, 45.2603,
-96.0812

21.5216, 55.3746,
-129.6431

31.4796, 38.2695,
-78.2943

36.4915, 31.1315,
-61.8216

42.0991, 24.2748,
-47.1839

48.1700, 17.8135,
-34.2867

■ 54.6099, 11.7290,
-22.8447

■ 61.3518, 5.9613,
-12.5605

■ 68.3476, 0.4460,
-3.1805

■ 75.5613, -4.8739,
5.4966

Harmonies

Analogous

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



23.9930, 7.6664, -169.6459



23.9928, 51.1352, -113.3754



23.9930, 90.4345, -35.2333

Triad

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



23.9930, 51.1376, -113.3749



23.9930, 28.1862, 16.7951



23.9930, -37.5674, -8.0882

Complementary

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



23.9928, 51.1352, -113.3754



68.0536, -32.4606, 40.6600

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.



23.9930, -36.3407, 14.8586



23.9928, 51.1352, -113.3754



23.9930, -9.0842, 16.7951

Square

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



23.9930, 51.1376, -113.3749



23.9930, 72.9106, 16.7951



23.9930, -29.0556, 16.7951



23.9930, -33.7647, -72.6583

Rectangle

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



23.9928, 51.1352, -113.3754



23.9930, 101.1766, -1.4303



23.9930, -29.0556, 16.7951



23.9930, -37.7091, 3.7537

Sweetspot

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



23.9930, 51.1376, -113.3749



75.1608, 14.3131, -28.0662



52.7459, -17.3671, -26.5063



33.3262, 7.9171, -15.3522

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



23.9930, 51.1376, -113.3749



28.7922, 74.3830, -175.7760



33.2707, 64.2238, -71.4413



31.4106, 0.4826, -1.9375



17.3517, 44.4735, -103.1910



4.0476, 9.6652, -18.5748

Inverse Universe

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



38.2725, 67.4374, -21.9145



50.0481, 93.2777, -26.3320



63.8840, -49.3260, 37.7495



31.9427, 2.1433, -0.1505



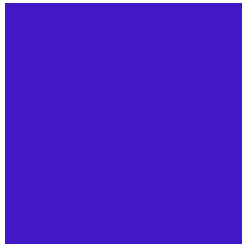
29.8565, 55.7299, -16.3636



6.2897, 11.8809, -4.5370

Previews

White Background



This preview shows how the HunterLab color 23.9928, 51.1352, -113.3754 looks on a white background.

Color Contrast Check

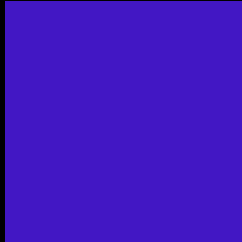
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 23.9928, 51.1352, -113.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

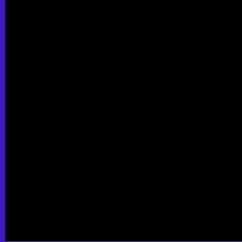
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 23.9928, 51.1352, -113.3754 Background



This preview shows how black text looks on a background with the HunterLab color 23.9928, 51.1352, -113.3754.



This preview shows how white text looks on a background with the HunterLab color 23.9928, 51.1352, -113.3754.

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

23.9928, 51.1352, -113.3754

Protanopia

24.0011, 7.1461, -45.4255

Deuteranopia

24.1132, -1.3119, -27.3075



Tritanopia

24.0062, -11.7506, -4.6394

Trichromacy



Original Color

23.9928, 51.1352, -113.3754

Protanomaly

22.3908, 23.4960, -73.8569

Deuteranomaly

22.1537, 16.6993, -58.8365

Tritanomaly

21.3319, 7.9802, -38.7986

Monochromacy



Original Color

23.9928, 51.1352, -113.3754

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.5539, 15.2394, -29.8608

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.9928, 51.1352, -113.3754 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(66, 23, 196)` looks like.

```
.text, #text, p{  
    color:rgb(66, 23, 196)  
}
```

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(66, 23, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 23, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 23.9928, 51.1352, -113.3754 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(66, 23, 196) }
```


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

```
.border{ border-color:rgb(66, 23, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 23, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 23, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 23, 196);  
box-shadow:4px 4px 4px 4px rgb(66, 23,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.9928, 51.1352, -113.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 23, 196) }
```

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

```
.background{ background-color: rgb(66, 23,  
196) }
```

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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