

Converting Colors

HunterLab(23.3409, -4.1409,
-13.6743)

Have a look what the booklet for
HunterLab(23.3409, -4.1409,
-13.6743) contains.

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Color

**HunterLab(23.4539, -4.2323,
-13.5969)**

Conversions

Conversions Part 1

Format	Color
Hex	1E4660
RGB	30, 70, 96
RGB Percent	12%, 27%, 38%
CMY	0.8823, 0.7255, 0.6235
CMYK	0.69, 0.27, 0.00, 0.62
HSL	204°, 52%, 25%
HSV	204°, 69%, 38%
XYZ	4.8369, 5.5009, 11.8732
YIQ	61.0040, -32.1860, -0.3940

Conversions

Conversions Part 2

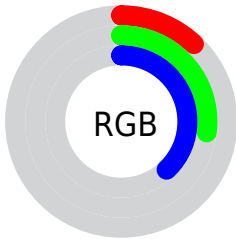
Format	Color
RYB	30, 55, 96
Decimal	1984096
CIELab	28.12, -4.87, -19.49
CIElCh	28, 20.086, 255.969
Yxy	5.5010, 0.2178, 0.2477
Android (android.graphics.Color)	4280174176 (0xFF1E4660)
YUV	61.0040, 17.2530, -27.1905
Hunter-Lab	23.4539, -4.2323, -13.5969




Details

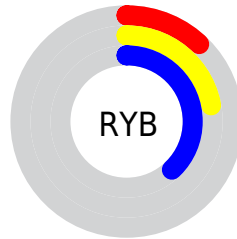
The HunterLab color **23.4539, -4.2323, -13.5969** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **23.2578, 8.9755, 11.3566**, and the grayscale version is **21.5543, -1.1501, 1.1711**.




A 20% lighter version of the original color is **41.0576, -5.6613, -14.6613**, and **10.0705, -0.4717, -11.5690** is the 20% darker color. If you saturate the color by 10%, you get **22.1802, -3.6536, -15.9784**, and if you desaturate by 10%, it is **24.8120, -4.5342, -11.2343**.

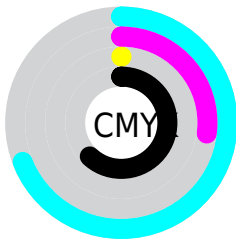
Distribution







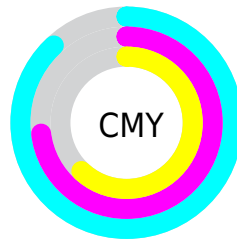
-  Red (12%)
-  Green (27%)
-  Blue (38%)






-  Red (12%)
-  Yellow (22%)
-  Blue (38%)



-  Cyan (69%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (88%)
-  Magenta (73%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4539, -4.2323, -13.5969 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 23.4539, -4.2323, -13.5969 by changing the saturation by 10% instead.

■ 23.4539, -4.2323,
-13.5969

■ 23.4539, -4.2323,
-13.5969

■ 124.3194,
-11.9255, -15.2811

■ 15.9504, -3.4523,
-13.1300

■ 41.0935, -5.8158,
-14.4106

■ 9.4798, -2.7458,
-12.7503

■ 51.0729, -6.6302,
-14.7206

0.0000, NaN, -NF

■ 61.7503, -7.4630,
-14.9635

0.0000, NaN, NaN

■ 73.0829, -8.3152,
-15.1420

0.0000, NaN, NaN

■ 85.0346, -9.1874,
-15.2597

0.0000, NaN, NaN

■ 97.5751, -10.0799,

0.0000, NaN, NaN

0.0000, NaN, NaN

-15.3199

0.0000, NaN, NaN

110.6777,
-10.9926, -15.3260

23.4539, -4.2323,
-13.5969

23.4539, -4.2323,
-13.5969

22.1802, -3.6536,
-15.9784

24.8120, -4.5342,
-11.2343

20.9936, -2.7859,
-18.3663

26.2483, -4.5784,
-8.9031

19.8618, -1.7511,
-20.8267

27.7577, -4.3869,
-6.6104

19.7204, -1.6215,
-21.1484

29.3349, -3.9823,
-4.3606

30.9747, -3.3867,
-2.1556

■ 32.6723, -2.6204,
0.0046

■ 34.4235, -1.7020,
2.1213

■ 36.2241, -0.6481,
4.1967

■ 38.0706, 0.5267,
6.2336

Harmonies

Analogous

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



23.4543, -9.3892, -9.0883



23.4539, -4.2323, -13.5969



23.4543, 2.3182, -13.4310

Triad

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



23.4543, -4.2322, -13.5964



23.4543, 12.1429, 4.3428



23.4543, -9.6474, 8.1772

Complementary

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



23.4539, -4.2323, -13.5969



23.2578, 8.9755, 11.3566

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.



23.4543, -4.6220, 10.1288



23.4539, -4.2323, -13.5969



23.4543, 8.1706, 8.3670

Square

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



23.4543, -4.2322, -13.5964



23.4543, 12.2770, -1.8216



23.4543, 1.8833, 10.1871



23.4543, -12.2752, 4.0026

Rectangle

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



23.4539, -4.2323, -13.5969



23.4543, 6.6224, -10.6539



23.4543, 1.8833, 10.1871



23.4543, -8.2089, 9.0577

Sweetspot

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



23.4543, -4.2322, -13.5964



40.3598, -4.7348, -3.6911



29.8674, -19.9040, 10.8050



19.9104, -2.4345, -2.1071



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



23.4543, -4.2322, -13.5964



28.4388, -4.2226, -22.9652



15.7732, 10.0874, -31.7017



16.5543, -1.3348, -0.0131



23.0400, -1.5610, -25.4282



51.5818, -0.8126, -62.7187

Inverse Universe

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



19.6412, 23.7351, -4.9733



23.6607, 36.8253, -6.0963



30.9992, -4.8848, 16.6663



16.1648, 0.7554, 0.2869



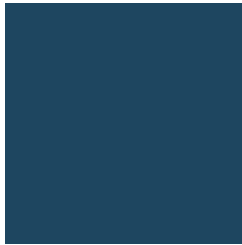
19.6856, 35.8321, -3.7132



45.3050, 82.1169, -5.8458

Previews

White Background



This preview shows how the HunterLab color 23.4539, -4.2323, -13.5969 looks on a white background.

Color Contrast Check

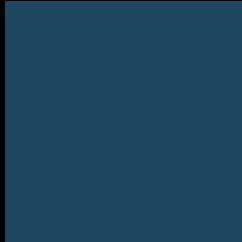
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4539, -4.2323, -13.5969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

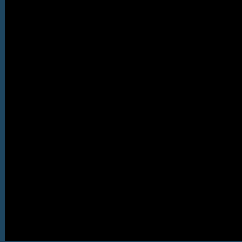
Any Text WCAG AA × Fail

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 23.4539, -4.2323, -13.5969 Background



This preview shows how black text looks on a background with the HunterLab color 23.4539, -4.2323, -13.5969.



This preview shows how white text looks on a background with the HunterLab color 23.4539, -4.2323, -13.5969.

-13.5969.

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

23.4539, -4.2323, -13.5969

Protanopia

23.3513, 1.6898, -11.2898

Deuteranopia

23.4870, 1.2606, -14.0542



Tritanopia

23.3839, -9.9116, -4.5200

Trichromacy



Original Color

23.4539, -4.2323, -13.5969

Protanomaly

23.3088, -0.9543, -11.9960

Deuteranomaly

23.3137, -0.6254, -14.4063

Tritanomaly

23.3939, -8.0502, -7.5073

Monochromacy



Original Color

23.4539, -4.2323, -13.5969

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.9984, -2.9179, -3.9567

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4539, -4.2323, -13.5969 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(30, 70, 96)` looks like.

```
.text, #text, p{  
    color:rgb(30, 70, 96)  
}
```

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(30, 70, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 70, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4539, -4.2323, -13.5969 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(30, 70, 96) }
```


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

```
.border{ border-color:rgb(30, 70, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 70, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 70, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 70, 96);  
box-shadow:4px 4px 4px 4px rgb(30, 70, 96)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.4539, -4.2323, -13.5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 70, 96) }
```

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

```
.background{ background-color: rgb(30, 70,  
96) }
```

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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