

Converting Colors

HunterLab(34.9542, -1.3932,
-23.2415)

Have a look what the booklet for
HunterLab(34.9542, -1.3932,
-23.2415) contains.

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Color

HunterLab(34.9542, -1.3932,
-23.2415)

Conversions

Conversions Part 1

Format	Color
Hex	406490
RGB	64, 100, 144
RGB Percent	25%, 39%, 56%
CMY	0.7490, 0.6078, 0.4353
CMYK	0.56, 0.31, 0.00, 0.44
HSL	213°, 38%, 41%
HSV	213°, 56%, 56%
XYZ	11.7056, 12.2180, 28.1269
YIQ	94.2520, -35.5800, 6.0520

Conversions

Conversions Part 2

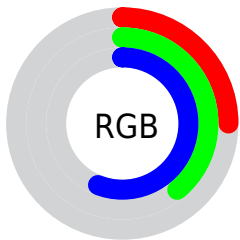
Format	Color
R_{YB}	64, 89, 144
Decimal	4220048
CIE _{Lab}	41.56, 0.66, -28.13
CIE _{LCh}	42, 28.140, 271.342
Yxy	12.2184, 0.2249, 0.2347
Android (android.graphics.Color)	4282410128 (0xFF406490)
YUV	94.2520, 24.5258, -26.5310
Hunter-Lab	34.9542, -1.3932, -23.2415

Details

The HunterLab color **34.9542, -1.3932, -23.2415** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **41.2617, 4.7527, 18.5379**, and the grayscale version is **33.4720, -1.7860, 1.8186**.

A 20% lighter version of the original color is **54.7653, -2.6352, -24.1402**, and **18.5166, -0.6408, -21.7609** is the 20% darker color. If you saturate the color by 10%, you get **32.1716, 0.0946, -28.8016**, and if you desaturate by 10%, it is **37.8934, -2.4214, -17.9773**.

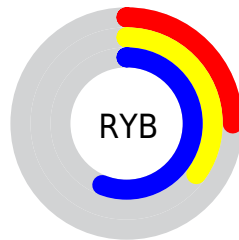
Distribution



Red (25%)

Green (39%)

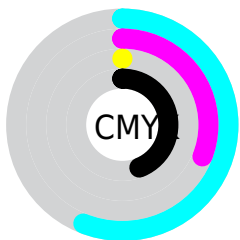
Blue (56%)



Red (25%)

Yellow (35%)

Blue (56%)

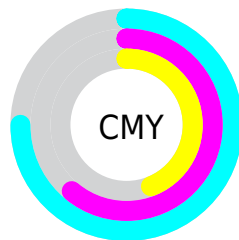


Cyan (56%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (75%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9542, -1.3932, -23.2415 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 34.9542, -1.3932, -23.2415 by changing the saturation by 10% instead.

■ 34.9542, -1.3932,
-23.2415

■ 34.9542, -1.3932,
-23.2415

■ 143.4733, -6.9056,
-26.4380

■ 26.2538, -0.9713,
-22.6829

■ 54.6738, -2.3705,
-24.3142

■ 18.4256, -0.6008,
-22.2075

■ 65.5813, -2.9189,
-24.7826

■ 11.5813, -0.2897,
-22.0607

■ 77.1309, -3.5034,
-25.1957

■ 4.1573, 0.4688,
-35.7715

■ 89.2886, -4.1220,
-25.5524

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 102.0255, -4.7730,
-25.8533

0.0000, NaN, NaN

115.3163, -5.4548,

0.0000, NaN, NaN

-26.0999

0.0000, NaN, NaN

129.1388, -6.1660,
-26.2941

■ 34.9542, -1.3932,
-23.2415

■ 34.9542, -1.3932,
-23.2415

■ 32.1716, 0.0946,
-28.8016

■ 37.8934, -2.4214,
-17.9773

■ 29.5639, 2.1021,
-34.6625

■ 40.9694, -3.0506,
-12.9932

■ 27.1534, 4.6790,
-40.8002

■ 44.1677, -3.3358,
-8.2624

■ 24.9562, 7.8308,
-47.1714

■ 47.4751, -3.3256,
-3.7566

■ 24.0233, 9.3239,
-50.1546

■ 50.8807, -3.0613,
0.5521

■ 54.3750, -2.5778,
4.6897

■ 57.9503, -1.9043,
8.6796

■ 61.5997, -1.0654,
12.5423

■ 65.3174, -0.0814,
16.2959

Harmonies

Analogous

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



34.9548, -11.0272, -19.4794



34.9542, -1.3932, -23.2415



34.9548, 9.2600, -18.7820

Triad

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



34.9548, -1.3931, -23.2407



34.9548, 17.0901, 10.4868



34.9548, -17.8696, 9.9132

Complementary

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



34.9542, -1.3932, -23.2415



41.2617, 4.7527, 18.5379

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.



34.9548, -11.7556, 14.6471



34.9542, -1.3932, -23.2415



34.9548, 8.3460, 14.9030

Square

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



34.9548, -1.3931, -23.2407



34.9548, 20.6795, 2.3493



34.9548, -2.3383, 16.1668



34.9548, -19.8389, 1.4501

Rectangle

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



34.9542, -1.3932, -23.2415



34.9548, 15.3268, -12.3370



34.9548, -2.3383, 16.1668



34.9548, -16.2696, 11.8949

Sweetspot

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



34.9548, -1.3931, -23.2407



62.2513, -4.4454, -6.0431



47.0315, -26.1537, 10.6367



29.4380, -2.1371, -3.3924



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



34.9548, -1.3931, -23.2407



41.7241, 0.8046, -40.4062



26.2868, 16.8228, -43.0211



23.7267, -1.5219, -0.4714



22.5197, 8.4871, -46.4690



3.0248, -0.6151, -2.4529

Inverse Universe

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



32.4295, 29.3110, -1.5475



38.9086, 47.6174, -1.0968



50.8846, -12.8759, 25.4771



23.3707, 1.1352, 0.7597



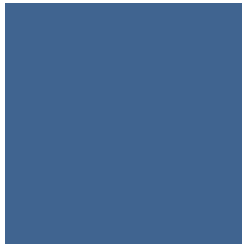
23.4484, 41.5845, 4.0792



2.3856, 4.4016, -0.9098

Previews

White Background



This preview shows how the HunterLab color 34.9542, -1.3932, -23.2415 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 × Fail

Black Background



This preview shows how the HunterLab color 34.9542, -1.3932, -23.2415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

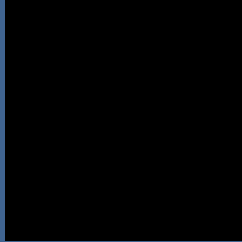
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 34.9542, -1.3932, -23.2415 Background



This preview shows how black text looks on a background with the HunterLab color 34.9542, -1.3932, -23.2415.

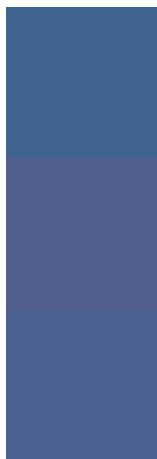


This preview shows how white text looks on a background with the HunterLab color 34.9542, -1.3932, -23.2415.

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

34.9542, -1.3932, -23.2415

Protanopia

34.8250, 3.4231, -21.3831

Deuteranopia

34.8877, 2.6260, -23.9815



Tritanopia

35.0426, -12.1211, -5.5541

Trichromacy



Original Color

34.9542, -1.3932, -23.2415

Protanomaly

34.6971, 1.7226, -22.3196

Deuteranomaly

34.8675, 1.1875, -24.0455

Tritanomaly

35.0016, -8.5248, -11.4469

Monochromacy



Original Color

34.9542, -1.3932, -23.2415

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.7262, -2.5234, -6.2107

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9542, -1.3932, -23.2415 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(64, 100, 144)` looks like.

```
.text, #text, p{  
    color:rgb(64, 100, 144)  
}
```

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(64, 100, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 100, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9542, -1.3932, -23.2415 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(64, 100, 144) }
```


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

```
.border{ border-color:rgb(64, 100, 144) }
```

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

Here you see how a box with a 4 pixel rgb(64, 100, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 100, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 100, 144);  
box-shadow:4px 4px 4px 4px rgb(64, 100,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9542, -1.3932, -23.2415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 100, 144) }
```

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

```
.background{ background-color: rgb(64, 100,  
144) }
```

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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