

Converting Colors

HunterLab(33.0927, -13.8677,
0.3651)

Have a look what the booklet for
HunterLab(33.0927, -13.8677,
0.3651) contains.

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Color

**HunterLab(33.2432,
-13.9954, 0.5022)**

Conversions

Conversions Part 1

Format	Color
Hex	336660
RGB	51, 102, 96
RGB Percent	20%, 40%, 38%
CMY	0.8000, 0.6000, 0.6235
CMYK	0.50, 0.00, 0.06, 0.60
HSL	173°, 33%, 30%
HSV	173°, 50%, 40%
XYZ	8.2280, 11.0511, 12.7658
YIQ	86.0670, -28.4700, -12.6780

Conversions

Conversions Part 2

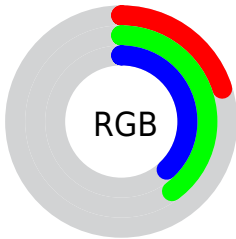
Format	Color
RYB	51, 78, 102
Decimal	3368544
CIELab	39.67, -18.76, -1.91
CIELCh	40, 18.854, 185.814
Yxy	11.0515, 0.2568, 0.3449
Android (android.graphics.Color)	4281558624 (0xFF336660)
YUV	86.0670, 4.8970, -30.7538
Hunter-Lab	33.2432, -13.9954, 0.5022




Details

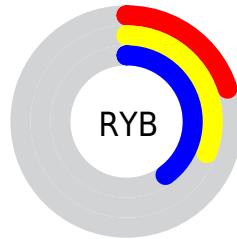
The HunterLab color $33.2432, -13.9954, 0.5022$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $23.4269, 15.4039, 4.9074$, and the grayscale version is $30.5209, -1.6285, 1.6583$.

A 20% lighter version of the original color is $52.6142, -17.2370, 1.4743$, and $17.2124, -9.9832, 0.0369$ is the 20% darker color. If you saturate the color by 10%, you get $32.8528, -15.5763, 0.5180$, and if you desaturate by 10%, it is $33.7172, -12.1233, 0.5908$.

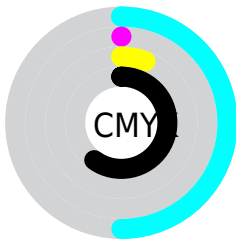
Distribution







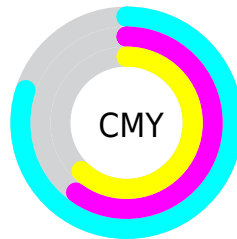
-  Red (20%)
-  Green (40%)
-  Blue (38%)






-  Red (20%)
-  Yellow (31%)
-  Blue (40%)



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (6%)
-  Black (60%)



-  Cyan (80%)
-  Magenta (60%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2432, -13.9954, 0.5022 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 33.2432, -13.9954, 0.5022 by changing the saturation by 10% instead.

■ 33.2432, -13.9954,
0.5022

■ 33.2432, -13.9954,
0.5022

■ 140.7199,
-28.2799, 5.5714

■ 24.7012, -12.1943,
0.1557

■ 52.6834, -17.3653,
1.3520

■ 17.0496, -10.2591,
-0.1297

■ 63.4650, -18.9790,
1.8445

■ 10.4083, -8.6225,
-0.3415

■ 74.8958, -20.5634,
2.3776

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 86.9407, -22.1271,
2.9486

0.0000, NaN, NaN

■ 99.5699, -23.6764,
3.5552

0.0000, NaN, NaN

■ 112.7575,

0.0000, NaN, NaN

-25.2159, 4.1956

0.0000, NaN, NaN

126.4809,
-26.7495, 4.8681

■ 33.2432, -13.9954,
0.5022

■ 33.2432, -13.9954,
0.5022

■ 32.8528, -15.5763,
0.5180

■ 33.7172, -12.1233,
0.5908

■ 32.5412, -16.8644,
0.6330

■ 34.2745, -9.9667,
0.7841

■ 32.3045, -17.8673,
0.8411

■ 34.9165, -7.5392,
1.0819

■ 32.1368, -18.6017,
1.1332

■ 35.6427, -4.8583,
1.4821

■ 32.0021, -19.2069,
1.4626

■ 36.4520, -1.9446,
1.9806

■ 32.0020, -19.2070,
1.4626

■ 37.3424, 1.1796,
2.5724

■ 38.3118, 4.4913,
3.2518

■ 39.3572, 7.9677,
4.0123

■ 40.4755, 11.5870,
4.8474

Harmonies

Analogous

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



33.2439, -13.0555, 6.5854



33.2432, -13.9954, 0.5022



33.2439, -11.8848, -6.4747

Triad

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



33.2439, -13.9957, 0.5026



33.2439, 6.3676, -10.1673



33.2439, 3.8488, 11.4030

Complementary

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



33.2432, -13.9954, 0.5022



23.4269, 15.4039, 4.9074

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.



33.2439, 9.7076, 8.3923



33.2432, -13.9954, 0.5022



33.2439, 11.2430, -3.8004

Square

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



33.2439, -13.9957, 0.5026



33.2439, -0.4180, -13.3923



33.2439, 12.5125, 3.0655



33.2439, -3.1118, 12.0933

Rectangle

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



33.2432, -13.9954, 0.5022



33.2439, -8.9211, -10.4451



33.2439, 12.5125, 3.0655



33.2439, 6.0296, 10.6639

Sweetspot

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



33.2439, -13.9957, 0.5026



46.6647, -8.4022, 1.6583



32.6126, -18.3064, 14.0808



22.5975, -4.3318, 0.7687



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.2439, -13.9957, 0.5026



43.4278, -20.9487, 0.7030



28.0999, -5.4699, -9.3049



17.8324, -2.2737, 0.7642



36.2615, -21.7960, 1.7277



82.7618, -50.0819, 4.6673

Inverse Universe

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



23.4269, 15.4039, 4.9074



28.0288, 25.8765, 7.9611



27.2160, 6.4736, 10.0601



16.8856, 0.4871, 1.1549



19.1266, 32.9137, 11.1283



43.5979, 74.8607, 26.6379

Previews

White Background



This preview shows how the HunterLab color 33.2432, -13.9954, 0.5022 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 33.2432, -13.9954, 0.5022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

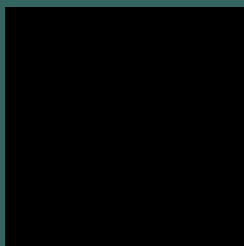
Any Text WCAG AA × Fail

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 33.2432, -13.9954, 0.5022 Background



This preview shows how black text looks on a background with the HunterLab color 33.2432, -13.9954, 0.5022.



This preview shows how white text looks on a background with the HunterLab color 33.2432,

-13.9954, 0.5022.

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

33.2432, -13.9954, 0.5022

Protanopia

33.1918, -1.5000, 2.7465

Deuteranopia

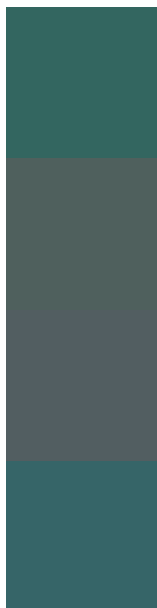
33.0204, 2.3061, -0.3607



Tritanopia

33.1802, -10.5115, -5.0900

Trichromacy



Original Color

33.2432, -13.9954, 0.5022

Protanomaly

32.8912, -6.6377, 1.4835

Deuteranomaly

32.6532, -4.4454, -0.4919

Tritanomaly

33.3033, -11.7913, -3.0012

Monochromacy



Original Color

33.2432, -13.9954, 0.5022

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.3192, -6.8184, 0.8678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2432, -13.9954, 0.5022 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, 102, 96)` looks like.

```
.text, #text, p{  
    color:rgb(51, 102, 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(51, 102, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 102, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2432, -13.9954, 0.5022 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, 102, 96) }
```


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

```
.border{ border-color:rgb(51, 102, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 102, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 102, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 102, 96);  
box-shadow:4px 4px 4px 4px rgb(51, 102,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2432, -13.9954, 0.5022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 102, 96) }
```

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

```
.background{ background-color: rgb(51, 102,  
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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