

Converting Colors

HunterLab(33.5432, -1.4227,
5.3916)

Have a look what the booklet for
HunterLab(33.5432, -1.4227, 5.3916)
contains.

HunterLab(33.6362, -1.6138, 5.5491)	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(33.6362, -1.6138,
5.5491)**

Conversions

Conversions Part 1

Format	Color
Hex	635E55
RGB	99, 94, 85
RGB Percent	39%, 37%, 33%
CMY	0.6118, 0.6314, 0.6667
CMYK	0.00, 0.05, 0.14, 0.61
HSL	39°, 8%, 36%
HSV	39°, 14%, 39%
XYZ	10.7880, 11.3139, 10.2096
YIQ	94.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

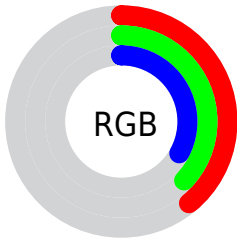
Format	Color
RYB	93, 99, 85
Decimal	6512213
CIELab	40.11, 0.26, 5.87
CIELCh	40, 5.876, 87.497
Yxy	11.3144, 0.3339, 0.3502
Android (android.graphics.Color)	4284702293 (0xFF635E55)
YUV	94.4690, -4.6682, 3.9737
Hunter-Lab	33.6362, -1.6138, 5.5491

Details

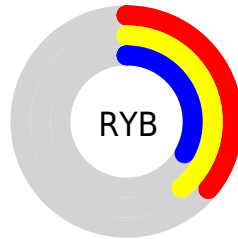
The HunterLab color $[33.6362, -1.6138, 5.5491]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[31.8501, -1.6297, -2.3771]$, and the grayscale version is $[33.6466, -1.7953, 1.8281]$.

A 20% lighter version of the original color is $[53.0847, -2.3644, 7.0680]$, and $[17.3123, -0.8483, 3.7779]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.4864, -1.2738, 7.8138]$, and if you desaturate by 10%, it is $[34.8225, -1.8306, 3.0320]$.

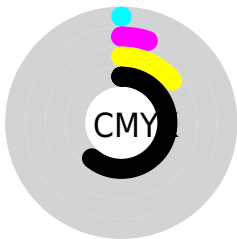
Distribution



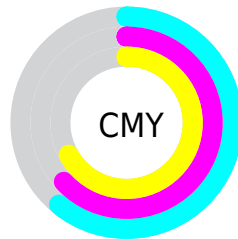
- Red (39%)
- Green (37%)
- Blue (33%)



- Red (36%)
- Yellow (39%)
- Blue (33%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (61%)



- Cyan (61%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6362, -1.6138, 5.5491 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 33.6362, -1.6138, 5.5491 by changing the saturation by 10% instead.

■ 33.6362, -1.6138,
5.5491

■ 33.6362, -1.6138,
5.5491

■ 141.3550, -7.2566,
13.9271

■ 25.0574, -1.1735,
4.6899

■ 53.1415, -2.6266,
7.2945

■ 17.3646, -0.7815,
3.8272

■ 63.9523, -3.1906,
8.1880

■ 10.6758, -0.4460,
2.9878

■ 75.4106, -3.7899,
9.0983

■ 1.0787, 0.9790,
0.7551

■ 87.4817, -4.4225,
10.0265

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.1359, -5.0869,
10.9731

0.0000, NaN, NaN

113.3475, -5.7815,

0.0000, NaN, NaN

11.9387

0.0000, NaN, NaN

127.0939, -6.5052,
12.9234

■ 33.6362, -1.6138,
5.5491

■ 33.6362, -1.6138,
5.5491

■ 32.4864, -1.2738,
7.8138

■ 34.8225, -1.8306,
3.0320

■ 31.3726, -0.8018,
9.8086

■ 36.0412, -1.9275,
0.2773

■ 30.2973, -0.1938,
11.5183

■ 37.2915, -1.9120,
-2.6991

■ 29.2624, 0.5544,
12.9285

■ 38.5718, -1.7905,
-5.8822

■ 28.2695, 1.4451,
14.0276

■ 39.8804, -1.5692,
-9.2577

■ 27.3202, 2.4783,
14.8075

■ 41.2161, -1.2543,
-12.8125

■ 26.4155, 3.6507,
15.2669

■ 42.5774, -0.8515,
-16.5344

■ 25.5541, 4.9434,
15.4464

■ 43.9630, -0.3664,
-20.4118

■ 25.0618, 5.7120,
15.5430

■ 45.3719, 0.1959,
-24.4345

Harmonies

Analogous

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



33.6369, 0.4682, 5.0005



33.6362, -1.6138, 5.5491



33.6369, -3.6959, 5.1556

Triad

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



33.6369, -1.6147, 5.5496



33.6369, -5.4079, -0.0480



33.6369, 1.7844, -0.3658

Complementary

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



33.6362, -1.6138, 5.5491



31.8501, -1.6297, -2.3771

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.



33.6369, 0.1459, -1.8721



33.6362, -1.6138, 5.5491



33.6369, -4.0030, -1.6806

Square

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



33.6369, -1.6147, 5.5496



33.6369, -5.8528, 2.0033



33.6369, -1.9781, -2.3676



33.6369, 2.4614, 1.6577

Rectangle

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



33.6362, -1.6138, 5.5491



33.6369, -4.8091, 4.3965



33.6369, -1.9781, -2.3676



33.6369, 1.3258, -0.9541

Sweetspot

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



33.6369, -1.6147, 5.5496



45.6130, -2.3981, 3.9619



31.4488, 3.1162, 1.1406



22.1947, -1.1635, 2.0266



72.2857, -3.8570, 3.9274



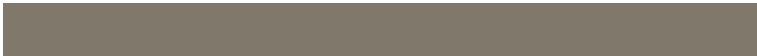
22.5557, -1.2035, 1.2255

Same Dimension

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



33.6369, -1.6147, 5.5496



43.5468, -1.9842, 8.2982



34.8259, -4.3308, 6.7518



16.8197, -0.8562, 2.0861



28.4804, 6.7814, 17.6682



64.5183, 18.2603, 40.0756

Inverse Universe

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



31.8501, -1.6297, -2.3771



40.6634, -2.0027, -4.5043



30.6885, 1.0798, -3.8772



16.2675, -0.8621, -0.3612



16.4183, 11.4555, -45.2506



35.8622, 31.6990, -113.2537

Previews

White Background



This preview shows how the HunterLab color 33.6362, -1.6138, 5.5491 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 33.6362, -1.6138, 5.5491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

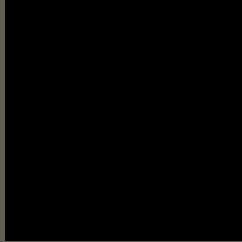
Any Text WCAG AA × Fail

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 33.6362, -1.6138, 5.5491 Background



This preview shows how black text looks on a background with the HunterLab color 33.6362, -1.6138, 5.5491.

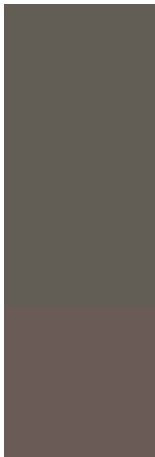


This preview shows how white text looks on a background with the HunterLab color 33.6362, -1.6138,

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

33.6362, -1.6138, 5.5491

Protanopia

33.5529, -1.9035, 5.4551

Deuteranopia

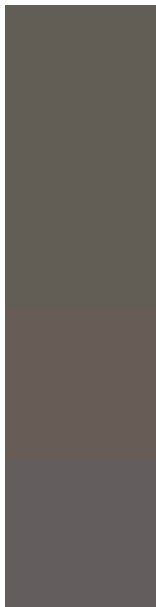
33.5855, 2.2616, 5.1925



Tritanopia

33.6480, 1.8369, -0.0343

Trichromacy



Original Color

33.6362, -1.6138, 5.5491

Protanomaly

33.5529, -1.9035, 5.4551

Deuteranomaly

33.5697, 0.8907, 5.1515

Tritanomaly

33.6841, 0.3527, 2.1224

Monochromacy



Original Color

33.6362, -1.6138, 5.5491

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.5373, -1.6611, 3.1388

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6362, -1.6138, 5.5491 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(99, 94, 85)` looks like.

```
.text, #text, p{  
    color:rgb(99, 94, 85)  
}
```

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(99, 94, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 94, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6362, -1.6138, 5.5491 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(99, 94, 85) }
```


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

```
.border{ border-color:rgb(99, 94, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 94, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 94, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 94, 85);  
box-shadow:4px 4px 4px 4px rgb(99, 94, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.6362, -1.6138, 5.5491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 94, 85) }
```

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

```
.background{ background-color: rgb(99, 94,  
85) }
```

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