

Converting Colors

HunterLab(33.9092, -14.5310,
2.0626)

Have a look what the booklet for
HunterLab(33.9092, -14.5310,
2.0626) contains.

HunterLab(33.9014, -14.6147, 2.1138)	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(33.9014,
-14.6147, 2.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	36685E
RGB	54, 104, 94
RGB Percent	21%, 41%, 37%
CMY	0.7882, 0.5921, 0.6314
CMYK	0.48, 0.00, 0.10, 0.59
HSL	168°, 32%, 31%
HSV	168°, 48%, 41%
XYZ	8.4920, 11.4930, 12.3605
YIQ	87.9100, -26.5900, -13.7100

Conversions

Conversions Part 2

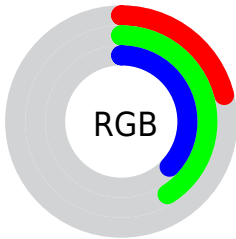
Format	Color
RYB	54, 82, 104
Decimal	3565662
CIELab	40.40, -19.57, 0.40
CIElCh	40, 19.577, 178.830
Yxy	11.4935, 0.2625, 0.3553
Android (android.graphics.Color)	4281755742 (0xFF36685E)
YUV	87.9100, 3.0024, -29.7391
Hunter-Lab	33.9014, -14.6147, 2.1138

Details

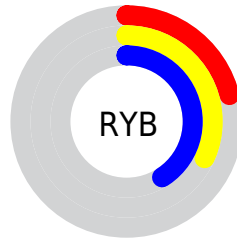
The HunterLab color **33.9014, -14.6147, 2.1138** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **24.3965, 15.5019, 3.5153**, and the grayscale version is **31.2029, -1.6649, 1.6953**.

A 20% lighter version of the original color is **53.2911, -18.0145, 3.1666**, and **17.7191, -10.8946, 1.3709** is the 20% darker color. If you saturate the color by 10%, you get **33.4649, -16.4230, 2.4268**, and if you desaturate by 10%, it is **34.4246, -12.5070, 1.8999**.

Distribution



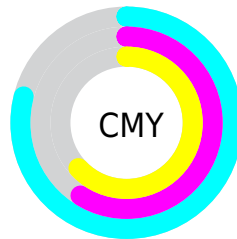
- Red (21%)
- Green (41%)
- Blue (37%)



- Red (21%)
- Yellow (32%)
- Blue (41%)



- Cyan (48%)
- Magenta (0%)
- Yellow (10%)
- Black (59%)



- Cyan (79%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9014, -14.6147, 2.1138 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 33.9014, -14.6147, 2.1138 by changing the saturation by 10% instead.

■ 33.9014, -14.6147,
2.1138

■ 33.9014, -14.6147,
2.1138

■ 141.7825,
-29.2689, 8.1519

■ 25.2978, -12.7593,
1.6207

■ 53.4502, -18.0824,
3.2227

■ 17.5775, -10.7653,
1.1723

■ 64.2806, -19.7407,
3.8322

■ 10.8569, -8.8643,
0.7741

■ 75.7575, -21.3673,
4.4758

■ 2.1031, -3.6804,
0.9025

■ 87.8461, -22.9711,
5.1517

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5171,
-24.5588, 5.8585

0.0000, NaN, NaN

■ 113.7447,

0.0000, NaN, NaN

-26.1352, 6.5948

0.0000, NaN, NaN

127.5065,
-27.7042, 7.3596

■ 33.9014, -14.6147,
2.1138

■ 33.9014, -14.6147,
2.1138

■ 33.4649, -16.4230,
2.4268

■ 34.4246, -12.5070,
1.8999

■ 33.1107, -17.9270,
2.8317

■ 35.0340, -10.1096,
1.7875

■ 32.8351, -19.1313,
3.3208

■ 35.7304, -7.4390,
1.7784

■ 32.6326, -20.0498,
3.8835

■ 36.5130, -4.5155,
1.8721

■ 32.4773, -20.7798,
4.4862

■ 37.3805, -1.3618,
2.0666

■ 32.4479, -20.9188,
4.6008

■ 38.3306, 1.9980,
2.3584

■ 39.3607, 5.5397,
2.7429

■ 40.4678, 9.2395,
3.2148

■ 41.6486, 13.0753,
3.7684

Harmonies

Analogous

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



33.9021, -12.9000, 7.9989



33.9014, -14.6147, 2.1138



33.9021, -13.1456, -5.1676

Triad

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



33.9021, -14.6150, 2.1142



33.9021, 5.1535, -11.8974



33.9021, 5.6854, 11.3192

Complementary

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



33.9014, -14.6147, 2.1138



24.3965, 15.5019, 3.5153

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.



33.9021, 11.2417, 7.6207



33.9014, -14.6147, 2.1138



33.9021, 10.9170, -5.7340

Square

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



33.9021, -14.6150, 2.1142



33.9021, -2.0941, -14.2091



33.9021, 13.2307, 1.5743



33.9021, -1.5265, 12.5796

Rectangle

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



33.9014, -14.6147, 2.1138



33.9021, -10.4819, -9.6892



33.9021, 13.2307, 1.5743



33.9021, 7.8303, 10.3640

Sweetspot

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



33.9021, -14.6150, 2.1142



47.6940, -8.4648, 2.3855



33.5940, -17.4218, 14.2355



23.4762, -4.4880, 1.1706



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



33.9021, -14.6150, 2.1142



44.2448, -22.0892, 3.2900



30.1138, -7.2796, -7.3581



17.8222, -2.3304, 0.9098



36.0190, -23.2627, 5.1969



82.1821, -53.5911, 12.9673

Inverse Universe

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



24.3965, 15.5019, 3.5153



29.2231, 26.1369, 5.8719



27.1370, 8.1076, 9.2380



16.8955, 0.5409, 1.0126



19.2083, 33.2158, 9.9232



43.7478, 75.4159, 24.4206

Previews

White Background



This preview shows how the HunterLab color 33.9014, -14.6147, 2.1138 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 33.9014, -14.6147, 2.1138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

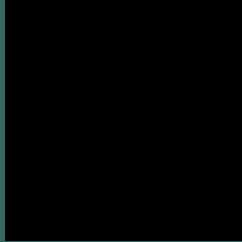
Any Text WCAG AA × Fail

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 33.9014, -14.6147, 2.1138 Background



This preview shows how black text looks on a background with the HunterLab color 33.9014, -14.6147, 2.1138.



This preview shows how white text looks on a background with the HunterLab color 33.9014,

-14.6147, 2.1138.

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

33.9014, -14.6147, 2.1138

Protanopia

33.6502, -1.3709, 4.0585

Deuteranopia

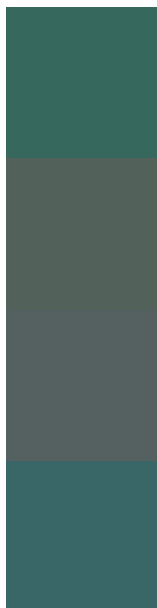
33.7653, 2.1197, 0.9846



Tritanopia

33.9976, -10.3024, -4.9577

Trichromacy



Original Color

33.9014, -14.6147, 2.1138

Protanomaly

33.5925, -7.0544, 3.1071

Deuteranomaly

33.3790, -4.7199, 0.8286

Tritanomaly

34.0145, -12.1050, -2.0810

Monochromacy



Original Color

33.9014, -14.6147, 2.1138

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

32.0626, -6.9583, 1.7480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9014, -14.6147, 2.1138 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(54, 104, 94)` looks like.

```
.text, #text, p{  
    color:rgb(54, 104, 94)  
}
```

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(54, 104, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 104, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9014, -14.6147, 2.1138 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(54, 104, 94) }
```


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

```
.border{ border-color:rgb(54, 104, 94) }
```

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

Here you see how a box with a 4 pixel rgb(54, 104, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 104, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 104, 94);  
box-shadow:4px 4px 4px 4px rgb(54, 104,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9014, -14.6147, 2.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 104, 94) }
```

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

```
.background{ background-color: rgb(54, 104,  
94) }
```

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