

Converting Colors

HunterLab(34.1654, -11.8967,
12.9554)

Have a look what the booklet for
HunterLab(34.1654, -11.8967,
12.9554) contains.

HunterLab(34.1900, -11.8627, 12.9568)	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(34.1900,
-11.8627, 12.9568)**

Conversions

Conversions Part 1

Format	Color
Hex	53663E
RGB	83, 102, 62
RGB Percent	33%, 40%, 24%
CMY	0.6745, 0.6000, 0.7569
CMYK	0.19, 0.00, 0.39, 0.60
HSL	89°, 24%, 32%
HSV	89°, 39%, 40%
XYZ	9.1882, 11.6896, 6.3295
YIQ	91.7590, 1.5160, -16.4680

Conversions

Conversions Part 2

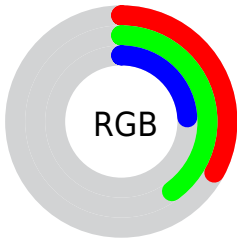
Format	Color
RYB	62, 102, 81
Decimal	5465662
CIELab	40.72, -15.00, 20.31
CIElCh	41, 25.254, 126.447
Yxy	11.6901, 0.3377, 0.4297
Android (android.graphics.Color)	4283655742 (0xFF53663E)
YUV	91.7590, -14.6712, -7.6816
Hunter-Lab	34.1900, -11.8627, 12.9568

Details

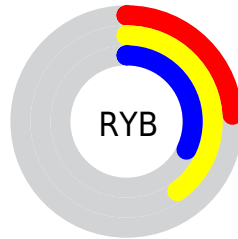
The HunterLab color $[34.1900, -11.8627, 12.9568]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[24.8078, 10.6576, -14.5715]$, and the grayscale version is $[32.6780, -1.7436, 1.7755]$.

A 20% lighter version of the original color is $[53.7539, -14.7760, 16.5931]$, and $[17.8027, -8.7121, 8.9116]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.7278, -13.9244, 14.8692]$, and if you desaturate by 10%, it is $[34.7001, -9.6041, 10.6794]$.

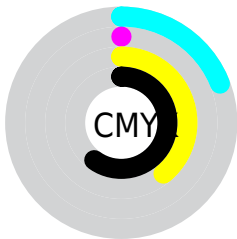
Distribution



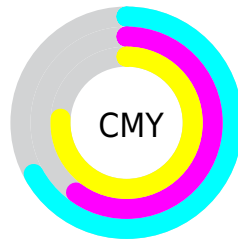
- Red (33%)
- Green (40%)
- Blue (24%)



- Red (24%)
- Yellow (40%)
- Blue (32%)



- Cyan (19%)
- Magenta (0%)
- Yellow (39%)
- Black (60%)



- Cyan (67%)
- Magenta (60%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.1900, -11.8627, 12.9568 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 34.1900, -11.8627, 12.9568 by changing the saturation by 10% instead.

■ 34.1900, -11.8627,
12.9568

■ 34.1900, -11.8627,
12.9568

142.2472,
-24.3693, 28.1376

■ 25.5598, -10.3533,
10.9918

■ 53.7860, -14.7380,
16.5947

■ 17.8096, -8.7551,
8.8657

■ 64.6377, -16.1344,
18.3209

■ 11.0548, -7.0474,
7.7383

■ 76.1346, -17.5161,
20.0076

■ 2.8218, -4.9381,
1.9752

■ 88.2424, -18.8893,
21.6653

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.9315,
-20.2582, 23.3018

0.0000, NaN, NaN

■ 114.1765,

0.0000, NaN, NaN

-21.6263, 24.9232

0.0000, NaN, NaN

127.9551,
-22.9960, 26.5339

■ 34.1900, -11.8627,
12.9568

■ 34.1900, -11.8627,
12.9568

■ 33.7278, -13.9244,
14.8692

■ 34.7001, -9.6041,
10.6794

■ 33.3109, -15.7812,
16.4172

■ 35.2557, -7.1539,
8.0394

■ 32.9393, -17.4311,
17.6084

■ 35.8574, -4.5221,
5.0449

■ 32.6119, -18.8746,
18.4572

■ 36.5044, -1.7193,
1.7066

■ 32.3269, -20.1166,
18.9868

■ 37.1961, 1.2431,
-1.9619

■ 32.0737, -21.2157,
19.3498

■ 37.9315, 4.3534,
-5.9452

■ 32.0547, -21.2990,
19.3791

■ 38.7094, 7.5997,
-10.2267

■ 39.5287, 10.9703,
-14.7889

■ 40.3881, 14.4538,
-19.6140

Harmonies

Analogous

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



34.1907, -3.8212, 14.8659



34.1900, -11.8627, 12.9568



34.1907, -16.7937, 8.0135

Triad

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



34.1907, -11.8635, 12.9571



34.1907, -8.7171, -17.8185



34.1907, 17.9328, 3.7260

Complementary

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



34.1900, -11.8627, 12.9568



24.8078, 10.6576, -14.5715

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.



34.1907, 16.2622, -5.7017



34.1900, -11.8627, 12.9568



34.1907, 0.2157, -19.8646

Square

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



34.1907, -11.8635, 12.9571



34.1907, -15.1182, -9.9361



34.1907, 9.5219, -14.9501



34.1907, 13.8690, 10.5412

Rectangle

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



34.1900, -11.8627, 12.9568



34.1907, -17.9817, 2.9040



34.1907, 9.5219, -14.9501



34.1907, 18.0290, 0.7842

Sweetspot

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



34.1907, -11.8635, 12.9571



47.2290, -7.1038, 7.9711



30.0141, 2.5891, 9.5367



22.9080, -3.5871, 4.0283



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.



34.1907, -11.8635, 12.9571



44.7154, -18.2135, 19.4904



33.0437, -16.2721, 11.8988



17.9071, -2.2172, 2.4715



36.2941, -24.2670, 21.9394



82.5701, -56.7193, 49.8864

Inverse Universe

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



24.8078, 10.6576, -14.5715



29.6653, 18.2233, -25.4625



26.7440, 16.2775, -11.1049



16.7972, 0.4113, -0.6975



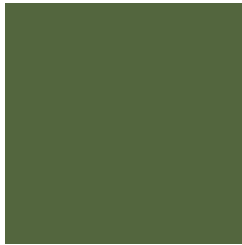
14.2498, 33.0490, -57.8137



31.7429, 74.6034, -136.4073

Previews

White Background



This preview shows how the HunterLab color 34.1900, -11.8627, 12.9568 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 34.1900, -11.8627, 12.9568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

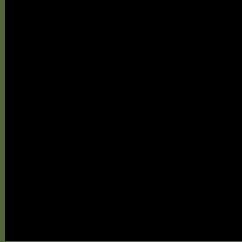
Any Text WCAG AA × Fail

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 34.1900, -11.8627, 12.9568 Background



This preview shows how black text looks on a background with the HunterLab color 34.1900, -11.8627, 12.9568.



This preview shows how white text looks on a background with the HunterLab color 34.1900,

-11.8627, 12.9568.

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

34.1900, -11.8627, 12.9568

Protanopia

34.1102, -3.6605, 13.5237

Deuteranopia

34.1604, 1.9977, 12.6657



Tritanopia

34.1953, -2.7121, -2.1490

Trichromacy



Original Color

34.1900, -11.8627, 12.9568

Protanomaly

33.9987, -6.8178, 13.1314

Deuteranomaly

34.0708, -3.7040, 12.7459

Tritanomaly

34.1631, -6.5147, 4.5346

Monochromacy



Original Color

34.1900, -11.8627, 12.9568

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.2921, -5.7822, 6.5497

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.1900, -11.8627, 12.9568 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(83, 102, 62)` looks like.

```
.text, #text, p{  
    color:rgb(83, 102, 62)  
}
```

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(83, 102, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 102, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 34.1900, -11.8627, 12.9568 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(83, 102, 62) }
```


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

```
.border{ border-color:rgb(83, 102, 62) }
```

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

Here you see how a box with a 4 pixel rgb(83, 102, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 102, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 102, 62);  
box-shadow:4px 4px 4px 4px rgb(83, 102,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.1900, -11.8627, 12.9568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 102, 62) }
```

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

```
.background{ background-color: rgb(83, 102,  
62) }
```

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