

Converting Colors

HunterLab(34.0321, -19.7420,
9.8175)

Have a look what the booklet for
HunterLab(34.0321, -19.7420,
9.8175) contains.

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Color

**HunterLab(34.0406,
-19.7202, 9.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	2F6B48
RGB	47, 107, 72
RGB Percent	18%, 42%, 28%
CMY	0.8157, 0.5804, 0.7176
CMYK	0.56, 0.00, 0.33, 0.58
HSL	145°, 39%, 30%
HSV	145°, 56%, 42%
XYZ	7.5997, 11.5876, 7.9670
YIQ	85.0700, -24.5250, -23.6050

Conversions

Conversions Part 2

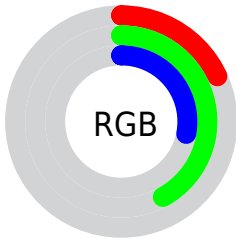
Format	Color
RYB	47, 89, 107
Decimal	3107656
CIELab	40.55, -28.36, 13.85
CIElCh	41, 31.562, 153.963
Yxy	11.5881, 0.2799, 0.4267
Android (android.graphics.Color)	4281297736 (0xFF2F6B48)
YUV	85.0700, -6.4435, -33.3874
Hunter-Lab	34.0406, -19.7202, 9.9520

Details

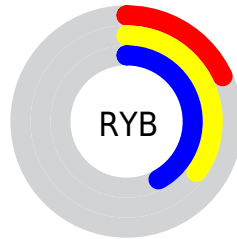
The HunterLab color **34.0406, -19.7202, 9.9520** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **24.0173, 21.9108, -4.5245**, and the grayscale version is **30.1954, -1.6112, 1.6406**.

A 20% lighter version of the original color is **53.6409, -24.3683, 12.6324**, and **17.9214, -13.6975, 7.1687** is the 20% darker color. If you saturate the color by 10%, you get **33.5959, -21.7480, 11.2903**, and if you desaturate by 10%, it is **34.5832, -17.3223, 8.5713**.

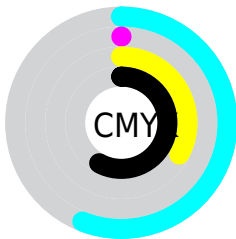
Distribution



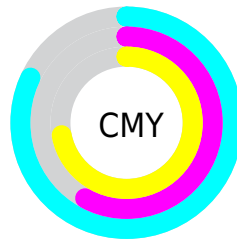
- Red (18%)
- Green (42%)
- Blue (28%)



- Red (18%)
- Yellow (35%)
- Blue (42%)



- Cyan (56%)
- Magenta (0%)
- Yellow (33%)
- Black (58%)



- Cyan (82%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.0406, -19.7202, 9.9520 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 34.0406, -19.7202, 9.9520 by changing the saturation by 10% instead.

■ 34.0406, -19.7202,
9.9520

■ 34.0406, -19.7202,
9.9520

142.0067,
-38.5973, 21.9974

■ 25.4241, -17.1829,
8.5002

■ 53.6122, -24.3570,
12.7128

■ 17.6894, -14.4081,
6.9596

■ 64.4529, -26.5310,
14.0542

■ 10.9523, -12.3502,
6.0232

■ 75.9394, -28.6392,
15.3828

■ 2.4761, -4.3332,
1.7333

■ 88.0373, -30.6963,
16.7046

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.7170,
-32.7132, 18.0241

0.0000, NaN, NaN

■ 113.9531,

0.0000, NaN, NaN

-34.6982, 19.3445

0.0000, NaN, NaN

127.7229,
-36.6579, 20.6683

■ 34.0406, -19.7202,
9.9520

■ 34.0406, -19.7202,
9.9520

■ 33.5959, -21.7480,
11.2903

■ 34.5832, -17.3223,
8.5713

■ 33.2436, -23.4000,
12.5693

■ 35.2236, -14.5668,
7.1631

■ 32.9790, -24.6845,
13.7742

■ 35.9626, -11.4760,
5.7432

■ 32.7848, -25.6627,
14.8827

■ 36.7996, -8.0771,
4.3256

■ 32.7141, -26.0196,
15.2792

■ 37.7325, -4.4008,
2.9232

■ 38.7587, -0.4794,
1.5467

■ 39.8750, 3.6548,
0.2052

■ 41.0776, 7.9709,
-1.0945

■ 42.3625, 12.4400,
-2.3473

Harmonies

Analogous

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



34.0413, -13.4660, 15.2259



34.0406, -19.7202, 9.9520



34.0413, -21.4315, 0.3449

Triad

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



34.0413, -19.7206, 9.9523



34.0413, -0.2539, -27.0505



34.0413, 18.8574, 11.7488

Complementary

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



34.0406, -19.7202, 9.9520



24.0173, 21.9108, -4.5245

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.



34.0413, 23.5764, 3.2951



34.0406, -19.7202, 9.9520



34.0413, 11.6426, -21.0233

Square

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



34.0413, -19.7206, 9.9523



34.0413, -11.1162, -23.4385



34.0413, 20.7741, -8.9082



34.0413, 8.5991, 15.9912

Rectangle

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



34.0406, -19.7202, 9.9520



34.0413, -19.9880, -8.0036



34.0413, 20.7741, -8.9082



34.0413, 21.2025, 9.4306

Sweetspot

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



34.0413, -19.7206, 9.9523



49.0770, -11.4710, 6.0540



35.4403, -14.9860, 17.0764



24.0636, -5.9708, 3.1114



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



34.0413, -19.7206, 9.9523



44.8102, -29.7751, 15.5990



34.7273, -15.6465, 0.1038



18.6112, -2.7278, 1.6528



36.0739, -28.7494, 16.9725



81.3284, -65.5284, 39.8035

Inverse Universe

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



24.0173, 21.9108, -4.5245



29.1802, 35.7937, -6.4599



23.2726, 18.5071, 6.0832



17.7302, 0.8543, 0.3432



20.5555, 37.2577, -2.6532



46.2101, 83.4148, -3.3070

Previews

White Background



This preview shows how the HunterLab color 34.0406, -19.7202, 9.9520 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 34.0406, -19.7202, 9.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

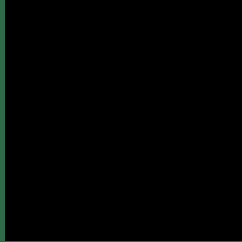
Any Text WCAG AA × Fail

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 34.0406, -19.7202, 9.9520 Background



This preview shows how black text looks on a background with the HunterLab color 34.0406, -19.7202, 9.9520.



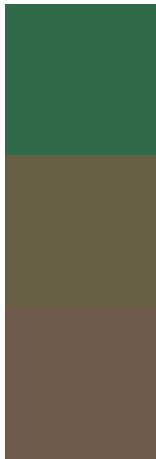
This preview shows how white text looks on a background with the HunterLab color 34.0406,

-19.7202, 9.9520.

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

34.0406, -19.7202, 9.9520

Protanopia

33.8722, -2.8953, 11.5262

Deuteranopia

33.7190, 2.2228, 9.1117



Tritanopia

33.9530, -10.4686, -5.0218

Trichromacy



Original Color

34.0406, -19.7202, 9.9520

Protanomaly

33.4550, -9.9753, 10.4621

Deuteranomaly

33.3444, -7.3086, 8.8991

Tritanomaly

33.9550, -14.3010, 1.3493

Monochromacy



Original Color

34.0406, -19.7202, 9.9520

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.2210, -9.1220, 4.6659

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.0406, -19.7202, 9.9520 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(47, 107, 72)` looks like.

```
.text, #text, p{  
    color:rgb(47, 107, 72)  
}
```

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(47, 107, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 107, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 34.0406, -19.7202, 9.9520 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(47, 107, 72) }
```


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

```
.border{ border-color:rgb(47, 107, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 107, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 107, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 107, 72);  
box-shadow:4px 4px 4px 4px rgb(47, 107,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.0406, -19.7202, 9.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 107, 72) }
```

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

```
.background{ background-color: rgb(47, 107,  
72) }
```

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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