

Converting Colors

HunterLab(34.7304, -4.1704,
2.8556)

Have a look what the booklet for
HunterLab(34.7304, -4.1704, 2.8556)
contains.

HunterLab(34.7521, -4.1022, 2.8714)	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(34.7521, -4.1022,
2.8714)

Conversions

Conversions Part 1

Format	Color
Hex	5D635F
RGB	93, 99, 95
RGB Percent	36%, 39%, 37%
CMY	0.6353, 0.6118, 0.6274
CMYK	0.06, 0.00, 0.04, 0.61
HSL	140°, 3%, 38%
HSV	140°, 6%, 39%
XYZ	11.0416, 12.0771, 12.5756
YIQ	96.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

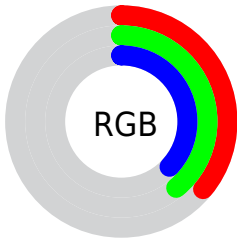
Format	Color
RYB	93, 98, 99
Decimal	6120287
CIELab	41.34, -3.18, 1.46
CIELCh	41, 3.500, 155.321
Yxy	12.0776, 0.3093, 0.3384
Android (android.graphics.Color)	4284310367 (0xFF5D635F)
YUV	96.7500, -0.8628, -3.2887
Hunter-Lab	34.7521, -4.1022, 2.8714

Details

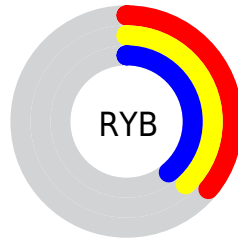
The HunterLab color $34.7521, -4.1022, 2.8714$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $33.6820, 0.5075, 0.8549$, and the grayscale version is $34.4854, -1.8401, 1.8737$.

A 20% lighter version of the original color is $54.4946, -5.7961, 4.3326$, and $18.3638, -2.9783, 1.8820$ is the 20% darker color. If you saturate the color by 10%, you get $33.8806, -7.5739, 4.4356$, and if you desaturate by 10%, it is $35.7118, -0.4019, 1.3000$.

Distribution



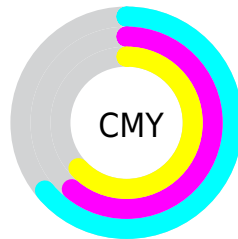
- Red (36%)
- Green (39%)
- Blue (37%)



- Red (36%)
- Yellow (38%)
- Blue (39%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7521, -4.1022, 2.8714 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 34.7521, -4.1022, 2.8714 by changing the saturation by 10% instead.

■ 34.7521, -4.1022,
2.8714

■ 34.7521, -4.1022,
2.8714

143.1497,
-11.2759, 9.3776

■ 26.0702, -3.4283,
2.3069

■ 54.4393, -5.5258,
4.1061

■ 18.2625, -2.7760,
1.7788

■ 65.3321, -6.2747,
4.7722

■ 11.4417, -2.1406,
1.2887

■ 76.8678, -7.0485,
5.4691

■ 3.8504, -3.8045,
1.7827

■ 89.0124, -7.8469,
6.1957

0.0000, NaN, NaN

0.0000, NaN, NaN

101.7367, -8.6692,
6.9507

0.0000, NaN, NaN

115.0154, -9.5152,

0.0000, NaN, NaN

128.8264,
-10.3842, 8.5426

■ 34.7521, -4.1022,
2.8714

■ 34.7521, -4.1022,
2.8714

■ 33.8806, -7.5739,
4.4356

■ 35.7118, -0.4019,
1.3000

■ 33.0977, -10.7838,
5.9781

■ 36.7543, 3.4984,
-0.2689

■ 32.4061, -13.7026,
7.4849

■ 37.8767, 7.5684,
-1.8252

■ 31.8066, -16.3040,
8.9407

■ 39.0753, 11.7807,
-3.3613

■ 31.2991, -18.5663,
10.3297

■ 40.3462, 16.1109,
-4.8713

■ 30.8822, -20.4752,
11.6365

■ 41.6854, 20.5372,
-6.3509

■ 30.5527, -22.0257,
12.8466

■ 43.0890, 25.0407,
-7.7970

■ 30.3059, -23.2238,
13.9473

■ 44.5533, 29.6057,
-9.2079

■ 30.1234, -24.1362,
14.9186

■ 46.0746, 34.2188,
-10.5827

Harmonies

Analogous

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



34.7528, -3.2925, 3.7802



34.7521, -4.1022, 2.8714



34.7528, -4.3151, 1.6700

Triad

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



34.7528, -4.1030, 2.8719



34.7528, -1.6236, -0.5653



34.7528, 0.2112, 3.2412

Complementary

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



34.7521, -4.1022, 2.8714



33.6820, 0.5075, 0.8549

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.



34.7528, 0.6731, 2.1119



34.7521, -4.1022, 2.8714



34.7528, -0.3962, -0.1091

Square

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



34.7528, -4.1030, 2.8719



34.7528, -2.8958, -0.3437



34.7528, 0.4492, 0.8820



34.7528, -0.8042, 3.9878

Rectangle

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



34.7521, -4.1022, 2.8714



34.7528, -4.0914, 0.8572



34.7528, 0.4492, 0.8820



34.7528, 0.4370, 2.8954

Sweetspot

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



34.7528, -4.1030, 2.8719



46.0061, -3.4662, 2.9373



35.0164, -3.2753, 3.9845



22.4410, -1.6463, 1.4134



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.



34.7528, -4.1030, 2.8719



45.3808, -5.9068, 3.9952



34.8301, -3.6752, 1.7689



17.0158, -2.1937, 1.4886



34.3053, -28.0013, 17.5681



79.1966, -65.3087, 41.9938

Inverse Universe

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



33.6820, 0.5075, 0.8549



43.7171, 1.2568, 0.8616



33.6030, 0.0797, 1.9807



16.4022, 0.4483, 0.3329



19.9081, 36.6320, -6.8160



45.8310, 84.0115, -13.2100

Previews

White Background



This preview shows how the HunterLab color 34.7521, -4.1022, 2.8714 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 34.7521, -4.1022, 2.8714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

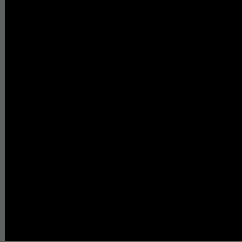
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

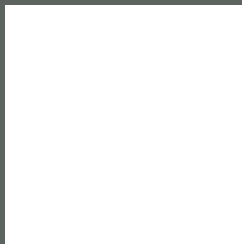
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 34.7521, -4.1022, 2.8714 Background



This preview shows how black text looks on a background with the HunterLab color 34.7521, -4.1022, 2.8714.



This preview shows how white text looks on a background with the HunterLab color 34.7521, -4.1022,

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

34.7521, -4.1022, 2.8714

Protanopia

34.7374, -1.4370, 3.3053

Deuteranopia

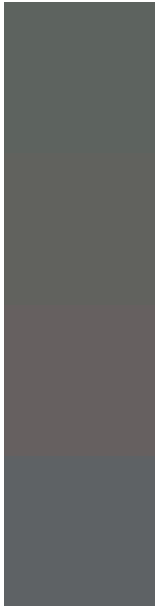
34.6060, 2.2516, 2.4036



Tritanopia

34.6442, -1.1493, -1.5447

Trichromacy



Original Color

34.7521, -4.1022, 2.8714

Protanomaly

34.7633, -2.7220, 3.3123

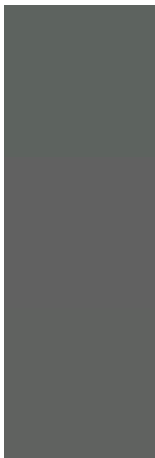
Deuteranomaly

34.6916, -0.1306, 2.4615

Tritanomaly

34.7198, -2.4962, 0.3258

Monochromacy



Original Color

34.7521, -4.1022, 2.8714

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.7371, -2.7091, 2.4692

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7521, -4.1022, 2.8714 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(93, 99, 95)` looks like.

```
.text, #text, p{  
    color:rgb(93, 99, 95)  
}
```

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(93, 99, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 99, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7521, -4.1022, 2.8714 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(93, 99, 95) }
```


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

```
.border{ border-color:rgb(93, 99, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 99, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 99, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 99, 95);  
box-shadow:4px 4px 4px 4px rgb(93, 99, 95)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.7521, -4.1022, 2.8714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 99, 95) }
```

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

```
.background{ background-color: rgb(93, 99,  
95) }
```

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