

Converting Colors

HunterLab(14.9728, 7.7208,
-3.9761)

Have a look what the booklet for
HunterLab(14.9728, 7.7208, -3.9761)
contains.

HunterLab(14.9728, 7.7208, -3.9761)	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(14.9728, 7.7208,
-3.9761)**

Conversions

Conversions Part 1

Format	Color
Hex	382235
RGB	56, 34, 53
RGB Percent	22%, 13%, 21%
CMY	0.7804, 0.8667, 0.7922
CMYK	0.00, 0.39, 0.05, 0.78
HSL	308°, 24%, 18%
HSV	308°, 39%, 22%
XYZ	2.8455, 2.2418, 3.6509
YIQ	42.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

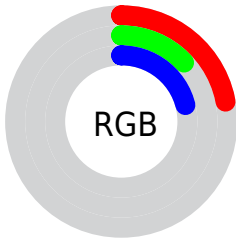
Format	Color
R_YB	56, 34, 53
Decimal	3678773
CIE Lab	16.71, 14.27, -8.10
CIE LCh	17, 16.407, 330.423
Yxy	2.2419, 0.3256, 0.2566
Android (android.graphics.Color)	4281868853 (0xFF382235)
YUV	42.7440, 5.0562, 11.6255
Hunter-Lab	14.9728, 7.7208, -3.9761

Details

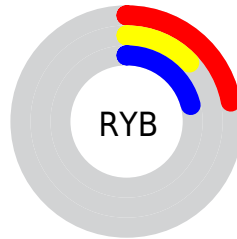
The HunterLab color **14.9728, 7.7208, -3.9761** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.1716, -8.1477, 5.3435**, and the grayscale version is **15.4417, -0.8239, 0.8390**.

A 20% lighter version of the original color is **30.6523, 8.6090, -4.2823**, and **1.1467, 3.1104, -8.1477** is the 20% darker color. If you saturate the color by 10%, you get **13.9302, 9.9751, -5.1885**, and if you desaturate by 10%, it is **16.1113, 5.4488, -2.7136**.

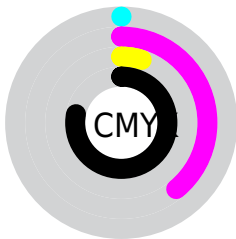
Distribution



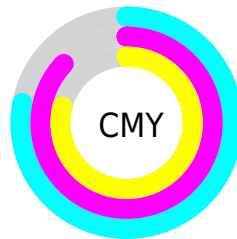
- Red (22%)
- Green (13%)
- Blue (21%)



- Red (22%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (39%)
- Yellow (5%)
- Black (78%)



- Cyan (78%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9728, 7.7208, -3.9761 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 14.9728, 7.7208, -3.9761 by changing the saturation by 10% instead.

■ 14.9728, 7.7208,
-3.9761

■ 14.9728, 7.7208,
-3.9761

■ 108.7996, 9.5349,
-2.4559

■ 8.6181, 7.1350,
-3.8457

■ 30.6295, 8.7831,
-4.1039

0.0000, INF, -NF

0.0000, NaN, NaN

■ 39.7473, 9.1304,
-4.0449

0.0000, NaN, NaN

■ 49.6243, 9.3808,
-3.9170

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.2063, 9.5468,
-3.7277

0.0000, NaN, NaN

■ 71.4489, 9.6384,
-3.4826

0.0000, NaN, NaN

■ 83.3154, 9.6631,

0.0000, NaN, NaN

-3.1865

95.7746, 9.6269,
-2.8432

14.9728, 7.7208,
-3.9761

14.9728, 7.7208,
-3.9761

13.9302, 9.9751,
-5.1885

16.1113, 5.4488,
-2.7136

12.9958, 12.1640,
-6.3186

17.3329, 3.1920,
-1.4254

12.1836, 14.2165,
-7.3220

18.6273, 0.9675,
-0.1265

11.5064, 16.0428,
-8.1464

19.9857, -1.2161,
1.1735

10.9285, 17.6949,
-8.8298

21.4005, -3.3561,
2.4693

■ 10.3264, 19.5676,
-9.6106

■ 22.8654, -5.4534,
3.7581

■ 10.2819, 19.7128,
-9.6716

■ 24.3751, -7.5108,
5.0387

■ 25.9251, -9.5320,
6.3110

■ 27.5116, -11.5210,
7.5756

Harmonies

Analogous

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



14.9731, 3.9611, -8.4375



14.9728, 7.7208, -3.9761



14.9731, 9.1408, 0.8772

Triad

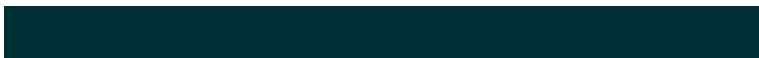
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.9731, 7.7203, -3.9757



14.9731, -0.8652, 7.0478



14.9731, -7.7055, -4.1174

Complementary

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



14.9728, 7.7208, -3.9761



18.1716, -8.1477, 5.3435

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.



14.9731, -8.6762, 0.7526



14.9728, 7.7208, -3.9761



14.9731, -5.0313, 6.4175

Square

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



14.9731, 7.7203, -3.9757



14.9731, 3.8340, 6.4524



14.9731, -7.7585, 4.4098



14.9731, -4.9306, -8.5352

Rectangle

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



14.9728, 7.7208, -3.9761



14.9731, 8.4508, 3.4702



14.9731, -7.7585, 4.4098



14.9731, -8.2375, -2.4379

Sweetspot

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



14.9731, 7.7203, -3.9757



23.9182, 2.2406, -0.7358



13.4973, 3.4443, -8.0578



12.7890, 1.2304, -0.4119



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



14.9731, 7.7203, -3.9757



18.3028, 13.1519, -6.8412



14.6716, 6.2263, 0.2718



10.1766, 0.4118, -0.0018



16.8334, 32.2055, -15.3067



43.3565, 82.7628, -37.9786

Inverse Universe

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



14.9731, 7.7203, -3.9757



18.3028, 13.1519, -6.8412



18.3884, -6.8822, 2.2172



10.1766, 0.4118, -0.0018



16.8334, 32.2055, -15.3067



43.3565, 82.7628, -37.9786

Previews

White Background



This preview shows how the HunterLab color 14.9728, 7.7208, -3.9761 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

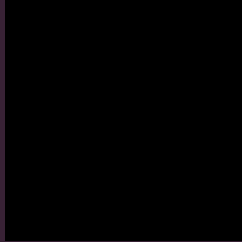
Any Text WCAG AA × Fail

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 14.9728, 7.7208, -3.9761 Background



This preview shows how black text looks on a background with the HunterLab color 14.9728, 7.7208, -3.9761.



This preview shows how white text looks on a background with the HunterLab color 14.9728, 7.7208, -3.9761.

-3.9761.

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

14.9728, 7.7208, -3.9761

Protanopia

15.0547, 0.7377, -6.4755

Deuteranopia

15.1830, 0.7900, -3.3172



Tritanopia

15.0353, 4.1506, 1.4211

Trichromacy



Original Color

14.9728, 7.7208, -3.9761

Protanomaly

14.7829, 3.1478, -5.8413

Deuteranomaly

14.8829, 3.2154, -3.7155

Tritanomaly

15.0447, 5.4698, -0.4176

Monochromacy



Original Color

14.9728, 7.7208, -3.9761

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.3336, 2.1619, -0.9124

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.9728, 7.7208, -3.9761 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(56, 34, 53)` looks like.

```
.text, #text, p{  
    color:rgb(56, 34, 53)  
}
```

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(56, 34, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 34, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 14.9728, 7.7208, -3.9761 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(56, 34, 53) }
```


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

```
.border{ border-color:rgb(56, 34, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 34, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 34, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 34, 53);  
box-shadow:4px 4px 4px 4px rgb(56, 34, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.9728, 7.7208, -3.9761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 34, 53) }
```

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

```
.background{ background-color: rgb(56, 34,  
53) }
```

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