

Converting Colors

HunterLab(21.7991, 2.1009,
0.6789)

Have a look what the booklet for
HunterLab(21.7991, 2.1009, 0.6789)
contains.

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Color

**HunterLab(21.7991, 2.1009,
0.6789)**

Conversions

Conversions Part 1

Format	Color
Hex	453B3F
RGB	69, 59, 63
RGB Percent	27%, 23%, 25%
CMY	0.7294, 0.7686, 0.7529
CMYK	0.00, 0.14, 0.09, 0.73
HSL	336°, 8%, 25%
HSV	336°, 14%, 27%
XYZ	4.9154, 4.7520, 5.3608
YIQ	62.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

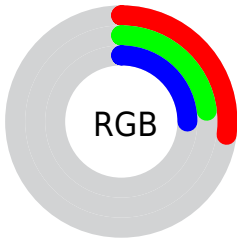
Format	Color
R_{YB}	69, 59, 63
Decimal	4537151
CIE Lab	26.02, 5.18, -0.86
CIE LCh	26, 5.250, 350.569
Yxy	4.7522, 0.3271, 0.3162
Android (android.graphics.Color)	4282727231 (0xFF453B3F)
YUV	62.4460, 0.2731, 5.7479
Hunter-Lab	21.7991, 2.1009, 0.6789

Details

The HunterLab color **21.7991, 2.1009, 0.6789** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23.5962, -4.3315, 1.8974**, and the grayscale version is **22.1010, -1.1793, 1.2008**.

A 20% lighter version of the original color is **39.0355, 1.9228, 1.2449**, and **8.2137, 2.1815, -0.0218** is the 20% darker color. If you saturate the color by 10%, you get **20.1112, 4.5025, 0.3290**, and if you desaturate by 10%, it is **23.5736, -0.2579, 1.1099**.

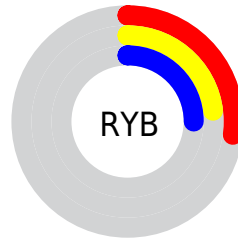
Distribution



Red (27%)

Green (23%)

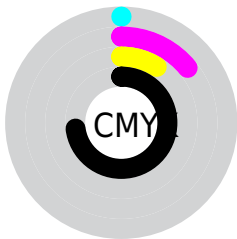
Blue (25%)



Red (27%)

Yellow (23%)

Blue (25%)

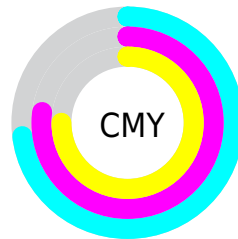


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7991, 2.1009, 0.6789 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 21.7991, 2.1009, 0.6789 by changing the saturation by 10% instead.

■ 21.7991, 2.1009,
0.6789

■ 21.7991, 2.1009,
0.6789

■ 121.4107, -0.8089,
5.7167

■ 14.5004, 2.1006,
0.3448

■ 39.0911, 1.8422,
1.5138

■ 8.1615, 2.3293,
0.0073

■ 48.9175, 1.6111,
2.0018

0.0000, NaN, NaN

■ 59.4522, 1.3230,
2.5314

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.6503, 0.9837,
3.0997

0.0000, NaN, NaN

■ 82.4747, 0.5976,
3.7043

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.8938, 0.1683,

107.8804, -0.3014,
5.0144

■ 21.7991, 2.1009,
0.6789

■ 21.7991, 2.1009,
0.6789

■ 20.1112, 4.5025,
0.3290

■ 23.5736, -0.2579,
1.1099

■ 18.5218, 6.9383,
0.0769

■ 25.4222, -2.5694,
1.6064

■ 17.0474, 9.3840,
-0.0555

■ 27.3364, -4.8360,
2.1575

■ 15.7068, 11.7961,
-0.0439

■ 29.3088, -7.0615,
2.7543

■ 14.5213, 14.1028,
0.1365

■ 31.3333, -9.2507,
3.3896

■ 13.5129, 16.2000,
0.5059

■ 33.4049, -11.4084,
4.0578

■ 12.7018, 17.9569,
1.0710

■ 35.5192, -13.5395,
4.7544

■ 12.0035, 19.5652,
1.7128

■ 37.6727, -15.6482,
5.4760

■ 11.6066, 20.5824,
2.0291

■ 39.8623, -17.7384,
6.2196

Harmonies

Analogous

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



21.7996, 1.3761, -0.8476



21.7991, 2.1009, 0.6789



21.7996, 1.9296, 2.2345

Triad

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



21.7996, 2.1003, 0.6793



21.7996, -2.2830, 3.8613



21.7996, -3.1699, -1.3115

Complementary

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



21.7991, 2.1009, 0.6789



23.5962, -4.3315, 1.8974

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.



21.7996, -4.0948, 0.0840



21.7991, 2.1009, 0.6789



21.7996, -3.5935, 3.0419

Square

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



21.7996, 2.1003, 0.6793



21.7996, -0.6348, 3.9944



21.7996, -4.2475, 1.6820



21.7996, -1.6889, -2.0527

Rectangle

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



21.7991, 2.1009, 0.6789



21.7996, 1.3332, 3.0843



21.7996, -4.2475, 1.6820



21.7996, -3.5542, -0.8986

Sweetspot

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



21.7996, 2.1003, 0.6793



30.7095, -0.4356, 1.4622



21.6371, 1.8845, -2.0624



15.9261, -0.1558, 0.7468



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.7996, 2.1003, 0.6793



27.6143, 3.7181, 0.7253



21.9383, 1.1485, 2.3553



12.3397, 0.3863, 0.4987



16.8218, 29.7094, 3.8812



41.3207, 72.5811, 12.6070

Inverse Universe

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



21.7996, 2.1003, 0.6793



27.6143, 3.7181, 0.7253



23.4389, -3.3587, 0.1421



12.3397, 0.3863, 0.4987



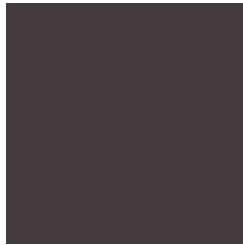
16.8218, 29.7094, 3.8812



41.3207, 72.5811, 12.6070

Previews

White Background



This preview shows how the HunterLab color 21.7991, 2.1009, 0.6789 looks on a white background.

Color Contrast Check

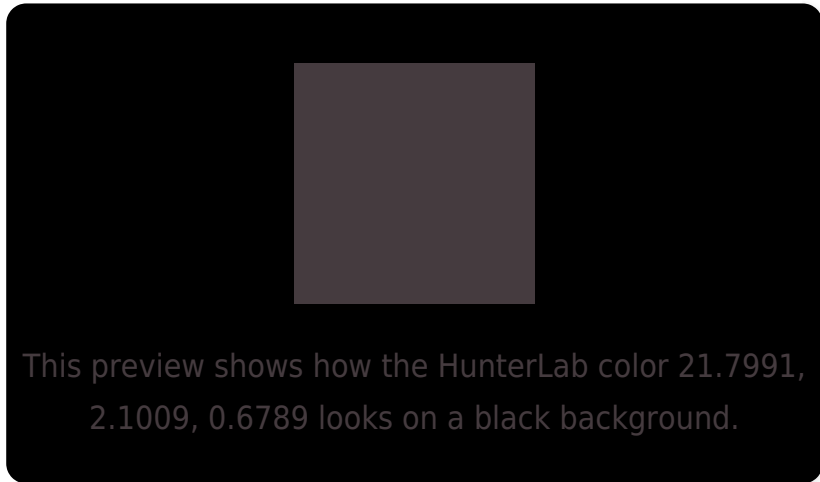
Large Text (above 18pt) WCAG AA ✓ Pass

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

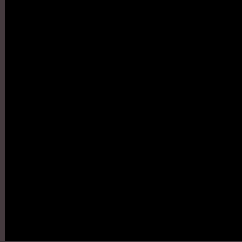
Any Text WCAG AA × Fail

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 21.7991, 2.1009, 0.6789 Background



This preview shows how black text looks on a background with the HunterLab color 21.7991, 2.1009, 0.6789.



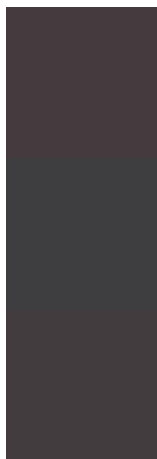
This preview shows how white text looks on a background with the HunterLab color 21.7991, 2.1009,

0.6789.

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

21.7991, 2.1009, 0.6789

Protanopia

21.7527, -0.4779, 0.1748

Deuteranopia

21.8721, 1.1239, 0.7495



Tritanopia

21.8250, 2.2386, 0.3108

Trichromacy



Original Color

21.7991, 2.1009, 0.6789

Protanomaly

21.7387, 0.7243, 0.1787

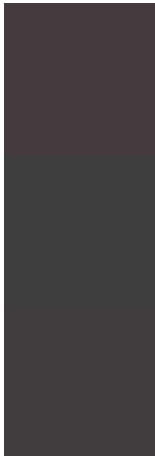
Deuteranomaly

21.9535, 1.3978, 0.8516

Tritanomaly

21.8250, 2.2386, 0.3108

Monochromacy



Original Color

21.7991, 2.1009, 0.6789

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

21.9297, 0.0278, 1.1918

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7991, 2.1009, 0.6789 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(69, 59, 63)` looks like.

```
.text, #text, p{  
    color:rgb(69, 59, 63)  
}
```

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(69, 59, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 59, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7991, 2.1009, 0.6789 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(69, 59, 63) }
```


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

```
.border{ border-color:rgb(69, 59, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 59, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 59, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 59, 63);  
box-shadow:4px 4px 4px 4px rgb(69, 59, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7991, 2.1009, 0.6789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 59, 63) }
```

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

```
.background{ background-color: rgb(69, 59,  
63) }
```

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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