

Converting Colors

HunterLab(12.7309, -2.0291,
0.2373)

Have a look what the booklet for
HunterLab(12.7309, -2.0291, 0.2373)
contains.

HunterLab(12.5882, -2.0200, 0.2321)	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(12.5882, -2.0200,
0.2321)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2323
RGB	29, 35, 35
RGB Percent	11%, 14%, 14%
CMY	0.8863, 0.8627, 0.8627
CMYK	0.17, 0.00, 0.00, 0.86
HSL	180°, 9%, 13%
HSV	180°, 17%, 14%
XYZ	1.4111, 1.5846, 1.8216
YIQ	33.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

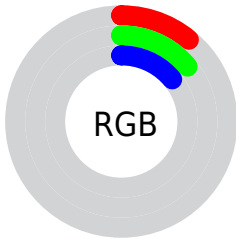
Format	Color
RYB	29, 32, 35
Decimal	1909539
CIELab	13.14, -2.70, -0.92
CIElCh	13, 2.851, 198.751
Yxy	1.5847, 0.2929, 0.3289
Android (android.graphics.Color)	4280099619 (0xFF1D2323)
YUV	33.2060, 0.8844, -3.6887
Hunter-Lab	12.5882, -2.0200, 0.2321

Details

The HunterLab color **12.5882, -2.0200, 0.2321** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.5100, 0.8607, 1.1194**, and the grayscale version is **12.3955, -0.6614, 0.6735**.

A 20% lighter version of the original color is **27.5190, -3.0456, 0.9665**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.3958, -2.7166, -0.0148**, and if you desaturate by 10%, it is **12.8009, -1.2651, 0.5005**.

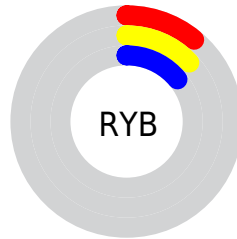
Distribution



Red (11%)

Green (14%)

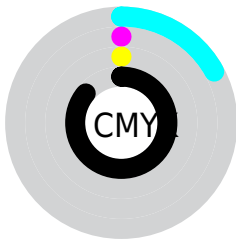
Blue (14%)



Red (11%)

Yellow (13%)

Blue (14%)

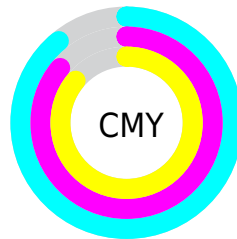


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (86%)



Cyan (89%)

Magenta (86%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5882, -2.0200, 0.2321 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 12.5882, -2.0200, 0.2321 by changing the saturation by 10% instead.

■ 12.5882, -2.0200,
0.2321

■ 12.5882, -2.0200,
0.2321

104.0833, -8.3295,
4.7622

■ 5.8928, -2.3110,
-0.3239

■ 27.5690, -3.2383,
0.9168

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3997, -3.8856,
1.3420

0.0000, NaN, NaN

■ 46.0125, -4.5599,
1.8142

0.0000, NaN, NaN

■ 56.3481, -5.2615,
2.3293

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3593, -5.9898,
2.8840

0.0000, NaN, NaN

■ 79.0068, -6.7443,

0.0000, NaN, NaN

3.4757

■ 91.2576, -7.5244,
4.1024

■ 12.5882, -2.0200,
0.2321

■ 12.5882, -2.0200,
0.2321

■ 12.3958, -2.7166,
-0.0148

■ 12.8009, -1.2651,
0.5005

■ 12.2231, -3.3507,
-0.2396

■ 13.0329, -0.4551,
0.7886

■ 12.0704, -3.9196,
-0.4411

■ 13.2841, 0.4057,
1.0951

■ 11.9374, -4.4211,
-0.6186

■ 13.5540, 1.3129,
1.4184

■ 11.8240, -4.8540,
-0.7717

■ 13.8421, 2.2622,
1.7572

■ 11.7264, -5.2301,
-0.9046

■ 14.1479, 3.2494,
2.1100

■ 11.6297, -5.6062,
-1.0374

■ 14.4708, 4.2704,
2.4754

■ 11.5321, -5.9891,
-1.1726

■ 14.8101, 5.3215,
2.8521

■ 11.5041, -6.0997,
-1.2116

■ 15.1653, 6.3991,
3.2387

Harmonies

Analogous

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



12.5885, -2.0674, 0.9521



12.5882, -2.0200, 0.2321



12.5885, -1.6170, -0.4000

Triad

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



12.5885, -2.0202, 0.2323



12.5885, 0.4399, -0.2616



12.5885, -0.3874, 1.9681

Complementary

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



12.5882, -2.0200, 0.2321



11.5100, 0.8607, 1.1194

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.



12.5885, 0.3010, 1.6817



12.5882, -2.0200, 0.2321



12.5885, 0.7861, 0.4123

Square

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



12.5885, -2.0202, 0.2323



12.5885, -0.2014, -0.6966



12.5885, 0.7347, 1.1219



12.5885, -1.1365, 1.9262

Rectangle

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



12.5882, -2.0200, 0.2321



12.5885, -1.1952, -0.6737



12.5885, 0.7347, 1.1219



12.5885, -0.1409, 1.9077

Sweetspot

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



12.5885, -2.0202, 0.2323



16.3384, -1.4312, 0.7003



12.4640, -2.7307, 2.1029



9.1555, -0.7934, 0.3953



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.5885, -2.0202, 0.2323



15.8822, -3.0573, 0.1228



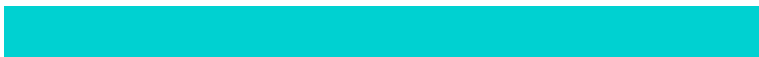
11.9207, -0.9560, -0.5804



7.6268, -0.7873, 0.2870



25.6464, -13.5986, -2.7003



70.8922, -37.5900, -7.4630

Inverse Universe

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



11.5100, 0.8607, 1.1194



14.0894, 1.7393, 1.5999



12.1398, -0.2360, 1.7991



7.3299, 0.0046, 0.5308



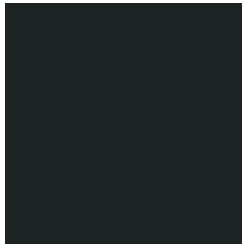
13.3266, 22.8224, 8.6099



36.8374, 63.0854, 23.8022

Previews

White Background



This preview shows how the HunterLab color 12.5882, -2.0200, 0.2321 looks on a white background.

Color Contrast Check

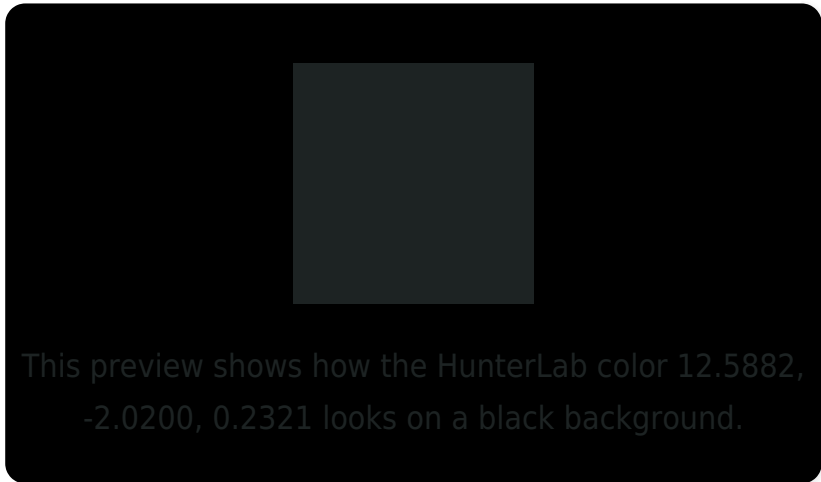
Large Text (above 18pt) WCAG AA ✓ Pass

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

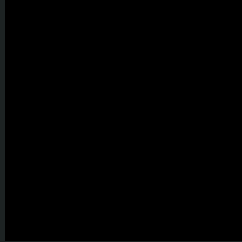
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

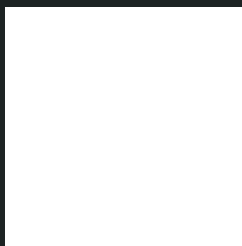
Any Text WCAG AAA × Fail

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

HunterLab 12.5882, -2.0200, 0.2321 Background



This preview shows how black text looks on a background with the HunterLab color 12.5882, -2.0200, 0.2321.



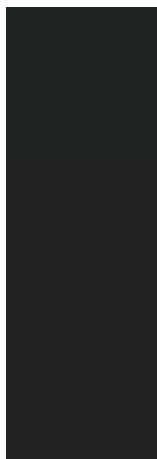
This preview shows how white text looks on a background with the HunterLab color 12.5882, -2.0200, 0.2321.

0.2321.

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

12.5882, -2.0200, 0.2321

Protanopia

12.6476, -0.6748, 0.6872

Deuteranopia

12.5862, 0.3080, 0.2704



Tritanopia

12.6366, -1.7499, -0.4561

Trichromacy



Original Color

12.5882, -2.0200, 0.2321

Protanomaly

12.5165, -1.1335, 0.5240

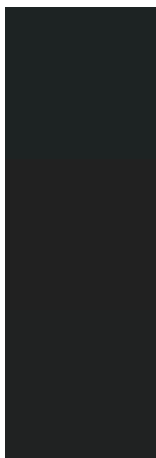
Deuteranomaly

12.6045, -0.7787, 0.2735

Tritanomaly

12.6121, -1.8866, -0.1079

Monochromacy



Original Color

12.5882, -2.0200, 0.2321

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.5165, -1.1335, 0.5240

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5882, -2.0200, 0.2321 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(29, 35, 35)` looks like.

```
.text, #text, p{  
    color:rgb(29, 35, 35)  
}
```

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(29, 35, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 35, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5882, -2.0200, 0.2321 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(29, 35, 35) }
```


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

```
.border{ border-color:rgb(29, 35, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 35, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 35, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 35, 35);  
box-shadow:4px 4px 4px 4px rgb(29, 35, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5882, -2.0200, 0.2321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 35, 35) }
```

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

```
.background{ background-color: rgb(29, 35,  
35) }
```

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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