

Converting Colors

HunterLab(15.7307, -2.4328,
-2.2377)

Have a look what the booklet for
HunterLab(15.7307, -2.4328,
-2.2377) contains.

HunterLab(15.6712, -2.4159, -2.2352)	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(15.6712, -2.4159,
-2.2352)**

Conversions

Conversions Part 1

Format	Color
Hex	222D33
RGB	34, 45, 51
RGB Percent	13%, 18%, 20%
CMY	0.8667, 0.8235, 0.8000
CMYK	0.33, 0.12, 0.00, 0.80
HSL	201°, 20%, 17%
HSV	201°, 33%, 20%
XYZ	2.1956, 2.4559, 3.4903
YIQ	42.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

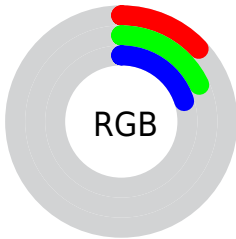
Format	Color
R_{YB}	34, 41, 51
Decimal	2239795
CIE Lab	17.72, -2.94, -5.40
CIE LCh	18, 6.145, 241.457
Yxy	2.4560, 0.2697, 0.3016
Android (android.graphics.Color)	4280429875 (0xFF222D33)
YUV	42.3950, 4.2423, -7.3624
Hunter-Lab	15.6712, -2.4159, -2.2352

Details

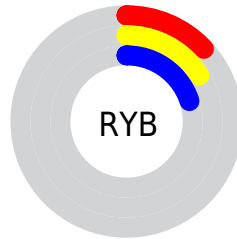
The HunterLab color **15.6712, -2.4159, -2.2352** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.2869, 1.4212, 3.5748**, and the grayscale version is **15.3339, -0.8182, 0.8331**.

A 20% lighter version of the original color is **31.6346, -3.8825, -1.7708**, and **0.9363, 2.5396, -6.6525** is the 20% darker color. If you saturate the color by 10%, you get **14.9707, -2.6781, -3.2261**, and if you desaturate by 10%, it is **16.3996, -2.0690, -1.2541**.

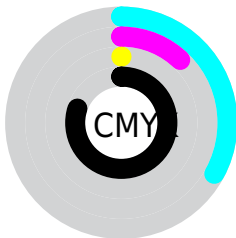
Distribution



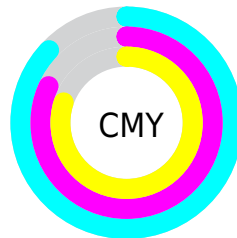
- Red (13%)
- Green (18%)
- Blue (20%)



- Red (13%)
- Yellow (16%)
- Blue (20%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.6712, -2.4159, -2.2352 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 15.6712, -2.4159, -2.2352 by changing the saturation by 10% instead.

■ 15.6712, -2.4159,
-2.2352

■ 15.6712, -2.4159,
-2.2352

■ 110.1447, -8.9526,
0.4594

■ 9.2437, -1.8778,
-2.1893

■ 31.5135, -3.6914,
-2.0531

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 40.7107, -4.3660,
-1.8516

0.0000, NaN, NaN

■ 50.6612, -5.0666,
-1.5889

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.3117, -5.7932,
-1.2714

0.0000, NaN, NaN

■ 72.6189, -6.5456,
-0.9043

0.0000, NaN, NaN

■ 84.5466, -7.3234,

0.0000, NaN, NaN

-0.4913

97.0640, -8.1259,
-0.0359

15.6712, -2.4159,
-2.2352

15.6712, -2.4159,
-2.2352

14.9707, -2.6781,
-3.2261

16.3996, -2.0690,
-1.2541

14.2988, -2.8470,
-4.2259

17.1532, -1.6446,
-0.2849

13.6577, -2.9148,
-5.2317

17.9307, -1.1501,
0.6723

13.0491, -2.8740,
-6.2401

18.7306, -0.5920,
1.6172

12.4729, -2.7240,
-7.2500

19.5514, 0.0236,
2.5500

■ 11.9021, -2.5629,
-8.3129

■ 20.3919, 0.6912,
3.4710

■ 11.5188, -2.4695,
-9.0666

■ 21.2508, 1.4059,
4.3809

■ 22.1270, 2.1636,
5.2801

■ 23.0196, 2.9602,
6.1695

Harmonies

Analogous

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



15.6715, -3.6113, -0.9152



15.6712, -2.4159, -2.2352



15.6715, -0.7512, -2.7048

Triad

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



15.6715, -2.4161, -2.2349



15.6715, 2.6788, 0.9344



15.6715, -2.5584, 3.3503

Complementary

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



15.6712, -2.4159, -2.2352



15.2869, 1.4212, 3.5748

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.



15.6715, -0.9227, 3.7332



15.6712, -2.4159, -2.2352



15.6715, 2.1448, 2.4366

Square

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



15.6715, -2.4161, -2.2349



15.6715, 2.2369, -0.7586



15.6715, 0.8071, 3.4177



15.6715, -3.6909, 2.3098

Rectangle

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



15.6712, -2.4159, -2.2352



15.6715, 0.4158, -2.4361



15.6715, 0.8071, 3.4177



15.6715, -2.0517, 3.5547

Sweetspot

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



15.6715, -2.4161, -2.2349



22.3822, -1.9490, -0.0190



16.9134, -6.1089, 3.2933



11.8058, -1.0365, -0.0249



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



15.6715, -2.4161, -2.2349



19.4011, -3.4155, -3.9985



13.6911, 0.8765, -5.1117



9.6551, -0.7705, 0.1131



19.3047, -3.1376, -17.3560



48.8140, -5.3143, -49.5411

Inverse Universe

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



14.2737, 5.1717, -1.4268



17.2230, 8.7817, -2.5324



17.2344, -1.8906, 5.3802



9.4465, 0.2846, 0.1944



15.6180, 28.6861, -4.9456



40.7608, 74.4679, -9.8138

Previews

White Background



This preview shows how the HunterLab color 15.6712, -2.4159, -2.2352 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

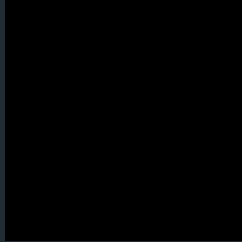
Any Text WCAG AA × Fail

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 15.6712, -2.4159, -2.2352 Background



This preview shows how black text looks on a background with the HunterLab color 15.6712, -2.4159, -2.2352.



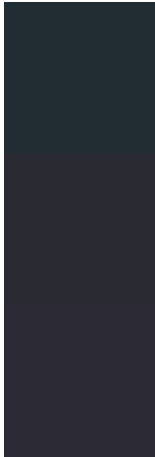
This preview shows how white text looks on a background with the HunterLab color 15.6712, -2.4159, -2.2352.

-2.2352.

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

15.6712, -2.4159, -2.2352

Protanopia

15.6534, -0.0889, -1.7858

Deuteranopia

15.6184, 1.0857, -2.6901



Tritanopia

15.6160, -2.7243, -1.4575

Trichromacy



Original Color

15.6712, -2.4159, -2.2352

Protanomaly

15.6939, -1.1555, -1.7499

Deuteranomaly

15.5782, -0.2342, -2.7697

Tritanomaly

15.6433, -2.5715, -1.8427

Monochromacy



Original Color

15.6712, -2.4159, -2.2352

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.3250, -1.4940, -0.1879

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.6712, -2.4159, -2.2352 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(34, 45, 51)` looks like.

```
.text, #text, p{  
    color:rgb(34, 45, 51)  
}
```

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(34, 45, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 45, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 15.6712, -2.4159, -2.2352 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(34, 45, 51) }
```


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

```
.border{ border-color:rgb(34, 45, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 45, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 45, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 45, 51);  
box-shadow:4px 4px 4px 4px rgb(34, 45, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.6712, -2.4159, -2.2352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 45, 51) }
```

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

```
.background{ background-color: rgb(34, 45,  
51) }
```

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