

Converting Colors

HunterLab(12.7672, 6.4250,
-2.3356)

Have a look what the booklet for
HunterLab(12.7672, 6.4250, -2.3356)
contains.

HunterLab(12.7517, 6.4101, -2.2151)	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(12.7517, 6.4101,
-2.2151)**

Conversions

Conversions Part 1

Format	Color
Hex	301C2A
RGB	48, 28, 42
RGB Percent	19%, 11%, 16%
CMY	0.8118, 0.8902, 0.8353
CMYK	0.00, 0.42, 0.12, 0.81
HSL	318°, 26%, 15%
HSV	318°, 42%, 19%
XYZ	2.0521, 1.6261, 2.3962
YIQ	35.5760, 7.4260, 8.5940

Conversions

Conversions Part 2

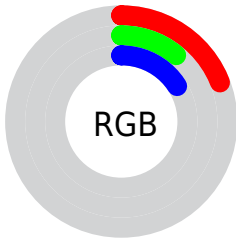
Format	Color
R_{YB}	48, 28, 42
Decimal	3152938
CIE Lab	13.39, 12.55, -5.38
CIE LCh	13, 13.657, 336.812
Yxy	1.6261, 0.3378, 0.2677
Android (android.graphics.Color)	4281343018 (0xFF301C2A)
YUV	35.5760, 3.1670, 10.8958
Hunter-Lab	12.7517, 6.4101, -2.2151

Details

The HunterLab color **12.7517, 6.4101, -2.2151** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.7364, -6.8413, 3.8745**, and the grayscale version is **13.1362, -0.7009, 0.7137**.

A 20% lighter version of the original color is **27.8491, 7.3922, -1.9066**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.8585, 8.1776, -2.8382**, and if you desaturate by 10%, it is **13.7214, 4.6261, -1.5235**.

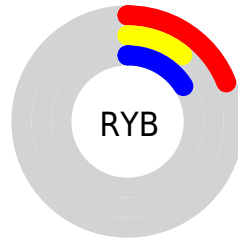
Distribution



Red (19%)

Green (11%)

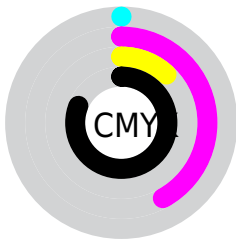
Blue (16%)



Red (19%)

Yellow (11%)

Blue (16%)

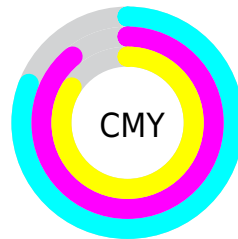


Cyan (0%)

Magenta (42%)

Yellow (12%)

Black (81%)



Cyan (81%)

Magenta (89%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7517, 6.4101, -2.2151 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 12.7517, 6.4101, -2.2151 by changing the saturation by 10% instead.

■ 12.7517, 6.4101,
-2.2151

■ 12.7517, 6.4101,
-2.2151

104.4135, 7.7064,
0.2617

■ 6.1247, 8.6044,
-3.3059

■ 27.7812, 7.3560,
-2.1045

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.6325, 7.6429,
-1.9309

0.0000, NaN, NaN

■ 46.2641, 7.8333,
-1.6927

0.0000, NaN, NaN

■ 56.6173, 7.9405,
-1.3973

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.6449, 7.9744,
-1.0502

0.0000, NaN, NaN

■ 79.3080, 7.9429,

0.0000, NaN, NaN

-0.6558

91.5736, 7.8519,
-0.2175

12.7517, 6.4101,
-2.2151

12.7517, 6.4101,
-2.2151

11.8585, 8.1776,
-2.8382

13.7214, 4.6261,
-1.5235

11.0517, 9.8935,
-3.3703

14.7574, 2.8501,
-0.7826

10.3428, 11.5048,
-3.7827

15.8516, 1.0949,
-0.0054

9.7380, 12.9573,
-4.0521

16.9971, -0.6327,
0.7983

9.1401, 14.5249,
-4.3276

18.1878, -2.3306,
1.6215

■ 8.6115, 16.0619,
-4.6246

■ 19.4189, -3.9991,
2.4595

■ 20.6861, -5.6398,
3.3088

■ 21.9859, -7.2553,
4.1672

■ 23.3153, -8.8484,
5.0329

Harmonies

Analogous

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



12.7520, 3.7885, -5.8677



12.7517, 6.4101, -2.2151



12.7520, 7.0373, 1.4587

Triad

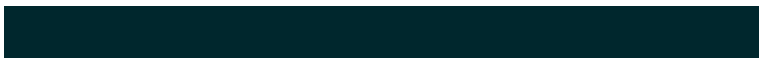
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.7520, 6.4096, -2.2148



12.7520, -1.5006, 5.8308



12.7520, -5.8136, -3.9733

Complementary

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



12.7517, 6.4101, -2.2151



15.7364, -6.8413, 3.8745

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.



12.7520, -6.9119, -0.1210



12.7517, 6.4101, -2.2151



12.7520, -4.6089, 4.9770

Square

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



12.7520, 6.4096, -2.2148



12.7520, 2.1927, 5.5036



12.7520, -6.4969, 3.0468



12.7520, -3.3210, -7.0658

Rectangle

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



12.7517, 6.4101, -2.2151



12.7520, 6.1842, 3.3464



12.7520, -6.4969, 3.0468



12.7520, -6.3446, -2.6883

Sweetspot

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



12.7520, 6.4096, -2.2148



19.8473, 1.5892, -0.1016



11.7647, 3.8171, -6.7764



10.6220, 0.8246, -0.0431



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



12.7520, 6.4096, -2.2148



14.8519, 10.5062, -3.6432



12.5030, 5.1731, 1.3144



8.7421, 0.2484, 0.1531



15.3147, 28.4049, -6.9880



40.6524, 75.0300, -15.6799

Inverse Universe

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



12.7520, 6.4096, -2.2148



14.8519, 10.5062, -3.6432



15.9458, -5.6228, 0.8670



8.7421, 0.2484, 0.1531



15.3147, 28.4049, -6.9880



40.6524, 75.0300, -15.6799

Previews

White Background



This preview shows how the HunterLab color 12.7517, 6.4101, -2.2151 looks on a white background.

Color Contrast Check

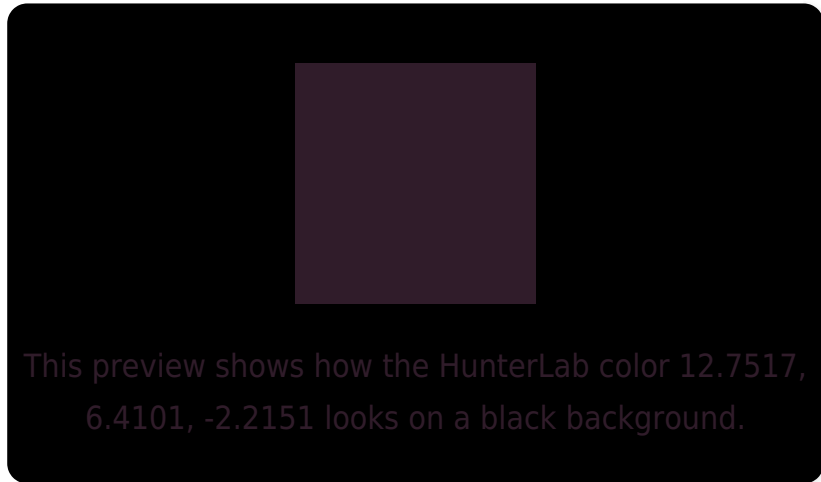
Large Text (above 18pt) WCAG AA ✓ Pass

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

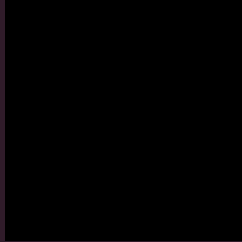
Any Text WCAG AA × Fail

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 12.7517, 6.4101, -2.2151 Background



This preview shows how black text looks on a background with the HunterLab color 12.7517, 6.4101, -2.2151.



This preview shows how white text looks on a background with the HunterLab color 12.7517, 6.4101, -2.2151.

-2.2151.

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

12.7517, 6.4101, -2.2151

Protanopia

12.8086, 0.5820, -4.5459

Deuteranopia

12.8898, 0.5055, -1.6980



Tritanopia

12.7952, 4.0765, 1.6237

Trichromacy



Original Color

12.7517, 6.4101, -2.2151

Protanomaly

12.7114, 2.3731, -3.7055

Deuteranomaly

12.8228, 2.5033, -1.7548

Tritanomaly

12.6903, 4.9403, 0.1082

Monochromacy



Original Color

12.7517, 6.4101, -2.2151

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

12.9567, 1.6935, -0.3776

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7517, 6.4101, -2.2151 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(48, 28, 42)` looks like.

```
.text, #text, p{  
    color:rgb(48, 28, 42)  
}
```

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(48, 28, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 28, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7517, 6.4101, -2.2151 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(48, 28, 42) }
```


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

```
.border{ border-color:rgb(48, 28, 42) }
```

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

Here you see how a box with a 4 pixel rgb(48, 28, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 28, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 28, 42);  
box-shadow:4px 4px 4px 4px rgb(48, 28, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.7517, 6.4101, -2.2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 28, 42) }
```

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

```
.background{ background-color: rgb(48, 28,  
42) }
```

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