

Converting Colors

HunterLab(12.6590, 21.6018,
3.6266)

Have a look what the booklet for
HunterLab(12.6590, 21.6018,
3.6266) contains.

HunterLab(12.7038, 21.4643, 3.6427)	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(12.7038, 21.4643,
3.6427)**

Conversions

Conversions Part 1

Format	Color
Hex	4B021A
RGB	75, 2, 26
RGB Percent	29%, 1%, 10%
CMY	0.7059, 0.9921, 0.8980
CMYK	0.00, 0.97, 0.65, 0.71
HSL	340°, 95%, 15%
HSV	340°, 97%, 29%
XYZ	3.1098, 1.6139, 1.1249
YIQ	26.5630, 35.8040, 22.9400

Conversions

Conversions Part 2

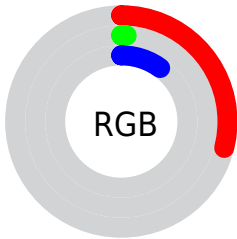
Format	Color
RYB	75, 2, 26
Decimal	4915738
CIELab	13.31, 33.56, 6.98
CIELCh	13, 34.282, 11.754
Yxy	1.6140, 0.5317, 0.2760
Android (android.graphics.Color)	4283105818 (0xFF4B021A)
YUV	26.5630, -0.2776, 42.4792
Hunter-Lab	12.7038, 21.4643, 3.6427

Details

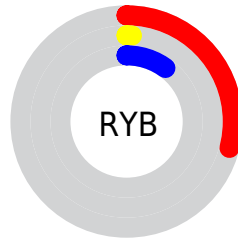
The HunterLab color **12.7038, 21.4643, 3.6427** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.9873, -15.8543, 5.8075**, and the grayscale version is **10.3293, -0.5511, 0.5612**.

A 20% lighter version of the original color is **27.6716, 24.4375, 5.4155**, and **2.7958, 4.7878, 1.8066** is the 20% darker color. If you saturate the color by 10%, you get **12.5082, 21.9700, 3.8248**, and if you desaturate by 10%, it is **13.4213, 19.7717, 2.8790**.

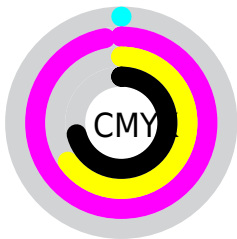
Distribution



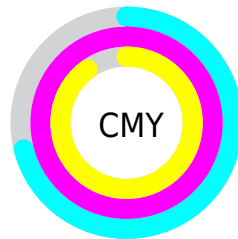
- Red (29%)
- Green (1%)
- Blue (10%)



- Red (29%)
- Yellow (1%)
- Blue (10%)



- Cyan (0%)
- Magenta (97%)
- Yellow (65%)
- Black (71%)



- Cyan (71%)
- Magenta (99%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7038, 21.4643, 3.6427 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 12.7038, 21.4643, 3.6427 by changing the saturation by 10% instead.

■ 12.7038, 21.4643,
3.6427

■ 12.7038, 21.4643,
3.6427

■ 104.3171, 31.3892,
12.3066

■ 6.0579, 25.1146,
4.2406

■ 27.7192, 24.4987,
5.5659

0.0000, INF, NaN

0.0000, NaN, NaN

■ 36.5645, 25.8257,
6.5033

0.0000, NaN, NaN

■ 46.1906, 27.0212,
7.4423

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.5387, 28.0958,
8.3887

0.0000, NaN, NaN


■ 67.5615, 29.0605,
9.3465


0.0000, NaN, NaN


■ 79.2200, 29.9253,


0.0000, NaN, NaN


10.3178


 91.4813, 30.6991,
11.3041


 12.7038, 21.4643,
3.6427


 12.7038, 21.4643,
3.6427


 12.5082, 21.9700,
3.8248

 13.4213, 19.7717,
2.8790

 14.2292, 18.0224,
2.1057

 15.2675, 15.8489,
1.5015

 16.5151, 13.4039,
1.0803

 17.9467, 10.8170,
0.8348

■ 19.5368, 8.1797,
0.7464

■ 21.2626, 5.5487,
0.7927

■ 23.1047, 2.9551,
0.9521

■ 25.0468, 0.4126,
1.2054

Harmonies

Analogous

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



12.7042, 20.6444, -5.7217



12.7038, 21.4643, 3.6427



12.7042, 15.2365, 8.8514

Triad

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



12.7042, 21.4629, 3.6430



12.7042, -10.3775, 8.8929



12.7042, -5.7179, -27.5597

Complementary

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



12.7038, 21.4643, 3.6427



22.9873, -15.8543, 5.8075

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.



12.7042, -11.3191, -16.1973



12.7038, 21.4643, 3.6427



12.7042, -13.7144, 4.9047

Square

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



12.7042, 21.4629, 3.6430



12.7042, -4.0584, 8.8929



12.7042, -14.0591, -3.1994



12.7042, 3.0963, -28.8980

Rectangle

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



12.7038, 21.4643, 3.6427



12.7042, 8.7356, 8.8929



12.7042, -14.0591, -3.1994



12.7042, -7.9606, -24.5432

Sweetspot

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



12.7042, 21.4629, 3.6430



27.0519, 8.1610, 0.9998



11.1658, 22.6694, -28.0692



13.3389, 4.4670, 0.4934



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



12.7042, 21.4629, 3.6430



16.2462, 28.4591, 5.5601



13.4868, 17.0562, 8.3560



13.0797, 0.3985, 0.6156



17.1394, 30.0098, 5.9736



41.5385, 72.3735, 17.2479

Inverse Universe

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



12.7042, 21.4629, 3.6430



16.2462, 28.4591, 5.5601



20.1435, -8.1048, -7.3225



13.0797, 0.3985, 0.6156



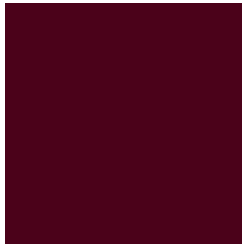
17.1394, 30.0098, 5.9736



41.5385, 72.3735, 17.2479

Previews

White Background



This preview shows how the HunterLab color 12.7038, 21.4643, 3.6427 looks on a white background.

Color Contrast Check

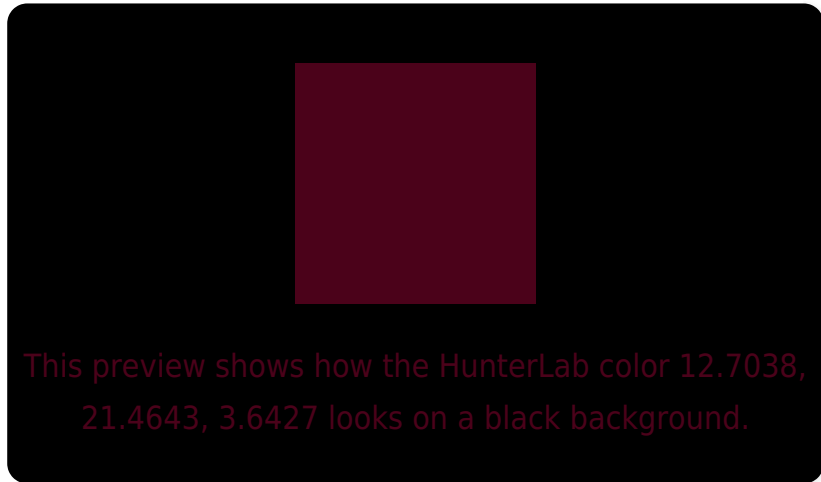
Large Text (above 18pt) WCAG AA ✓ Pass

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

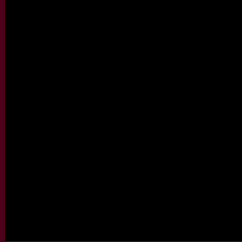
Any Text WCAG AA × Fail

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 12.7038, 21.4643, 3.6427 Background



This preview shows how black text looks on a background with the HunterLab color 12.7038, 21.4643, 3.6427.



This preview shows how white text looks on a background with the HunterLab color 12.7038, 21.4643,

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

12.7038, 21.4643, 3.6427

Protanopia

13.9911, -0.5034, 0.8417

Deuteranopia

14.1044, 0.4832, 5.2920



Tritanopia

13.2474, 18.1920, 7.3247

Trichromacy



Original Color

12.7038, 21.4643, 3.6427

Protanomaly

12.4130, 7.7930, 0.5567

Deuteranomaly

12.6058, 8.7925, 3.8572

Tritanomaly

13.0538, 19.2001, 6.3271

Monochromacy



Original Color

12.7038, 21.4643, 3.6427

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.2334, 7.4335, 0.4282

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7038, 21.4643, 3.6427 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(75, 2, 26)` looks like.

```
.text, #text, p{  
    color:rgb(75, 2, 26)  
}
```

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(75, 2, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 2, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7038, 21.4643, 3.6427 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(75, 2, 26) }
```


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

```
.border{ border-color:rgb(75, 2, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 2, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 2, 26); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 2, 26); box-shadow:4px  
4px 4px 4px rgb(75, 2, 26) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.7038, 21.4643, 3.6427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 2, 26) }
```

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

```
.background{ background-color: rgb(75, 2,  
26) }
```

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