

Converting Colors

HunterLab(14.3485, 12.6582,
-20.4628)

Have a look what the booklet for
HunterLab(14.3485, 12.6582,
-20.4628) contains.

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Color

**HunterLab(14.3428, 12.6519,
-20.7356)**

Conversions

Conversions Part 1

Format	Color
Hex	301D4E
RGB	48, 29, 78
RGB Percent	19%, 11%, 31%
CMY	0.8118, 0.8863, 0.6941
CMYK	0.38, 0.63, 0.00, 0.69
HSL	263°, 46%, 21%
HSV	263°, 63%, 31%
XYZ	3.0334, 2.0572, 7.4449
YIQ	40.2670, -4.4050, 19.2670

Conversions

Conversions Part 2

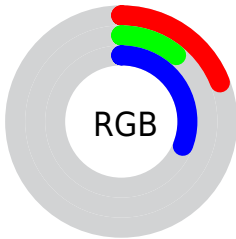
Format	Color
R_{YB}	48, 29, 78
Decimal	3153230
CIE _{Lab}	15.78, 21.60, -26.98
CIE _{LCh}	16, 34.561, 308.676
Yxy	2.0572, 0.2420, 0.1641
Android (android.graphics.Color)	4281343310 (0xFF301D4E)
YUV	40.2670, 18.6024, 6.7818
Hunter-Lab	14.3428, 12.6519, -20.7356




Details

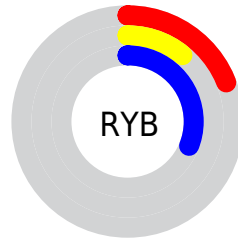
The HunterLab color $[14.3428, 12.6519, -20.7356]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[25.4309, -11.1652, 12.7648]$, and the grayscale version is $[14.5961, -0.7788, 0.7930]$.




A 20% lighter version of the original color is $[29.9046, 14.3340, -21.8115]$, and $[3.3137, 8.9884, -23.5452]$ is the 20% darker color. If you saturate the color by 10%, you get $[12.6976, 15.0715, -25.5678]$, and if you desaturate by 10%, it is $[16.1607, 10.2341, -16.3064]$.

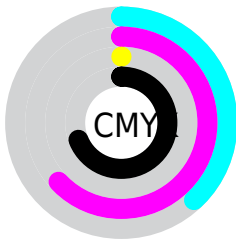
Distribution







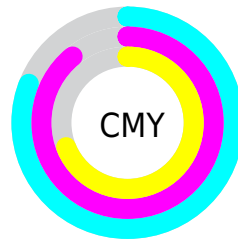
-  Red (19%)
-  Green (11%)
-  Blue (31%)






-  Red (19%)
-  Yellow (11%)
-  Blue (31%)



-  Cyan (38%)
-  Magenta (63%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (81%)
-  Magenta (89%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.3428, 12.6519, -20.7356 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 14.3428, 12.6519, -20.7356 by changing the saturation by 10% instead.

■ 14.3428, 12.6519,
-20.7356

■ 14.3428, 12.6519,
-20.7356

■ 107.5728, 17.7209,
-24.5034

■ 8.0026, 12.1265,
-21.5092

■ 29.8275, 14.5636,
-21.6407

0.0000, INF, -NF

0.0000, NaN, -NF

■ 38.8718, 15.3055,
-22.1902

0.0000, NaN, NaN

■ 48.6812, 15.9302,
-22.7103

0.0000, NaN, NaN

■ 59.2000, 16.4526,
-23.1820

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.3832, 16.8843,
-23.5980

0.0000, NaN, NaN

■ 82.1935, 17.2347,

0.0000, NaN, NaN

-23.9565

94.5991, 17.5115,
-24.2577

14.3428, 12.6519,
-20.7356

14.3428, 12.6519,
-20.7356

12.6976, 15.0715,
-25.5678

16.1607, 10.2341,
-16.3064

11.2647, 17.3708,
-30.6913

18.1182, 7.8722,
-12.2845

10.0311, 19.5469,
-36.0790

20.1909, 5.5831,
-8.6261

9.1093, 21.6382,
-40.9212

22.3602, 3.3656,
-5.2748

24.6119, 1.2117,
-2.1765

■ 26.9350, -0.8888,
0.7158

■ 29.3211, -2.9458,
3.4412

■ 31.7633, -4.9682,
6.0313

■ 34.2563, -6.9638,
8.5117

Harmonies

Analogous

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



14.3431, 2.1189, -29.5784



14.3428, 12.6519, -20.7356



14.3431, 20.7364, -7.1626

Triad

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



14.3431, 12.6519, -20.7351



14.3431, 6.5640, 10.0401



14.3431, -14.8099, -2.1212

Complementary

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



14.3428, 12.6519, -20.7356



25.4309, -11.1652, 12.7648

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.



14.3431, -14.2057, 5.8020



14.3428, 12.6519, -20.7356



14.3431, -3.4396, 10.0401

Square

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



14.3431, 12.6519, -20.7351



14.3431, 16.6287, 8.4167



14.3431, -10.5556, 9.9727



14.3431, -12.4978, -15.0483

Rectangle

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



14.3428, 12.6519, -20.7356



14.3431, 22.6787, 0.3699



14.3431, -10.5556, 9.9727



14.3431, -14.9272, 1.1798

Sweetspot

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



14.3431, 12.6519, -20.7351



30.4438, 3.5507, -5.6596



19.9037, -3.8283, -9.2732



14.9643, 1.9978, -3.1532



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



14.3431, 12.6519, -20.7351



15.7893, 21.4473, -37.0979



16.7853, 18.5673, -14.7915



12.9749, 0.1656, -0.4783



11.8386, 28.3769, -55.1634



27.9440, 68.1990, -139.6472

Inverse Universe

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



16.7757, 17.1484, -3.9862



20.0347, 27.4717, -5.4876



24.2691, -15.7740, 11.8385



13.1052, 0.5357, 0.2528



17.8256, 32.5056, -3.8203



43.1843, 78.3735, -6.3516

Previews

White Background



This preview shows how the HunterLab color 14.3428, 12.6519, -20.7356 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



This preview shows how the HunterLab color 14.3428, 12.6519, -20.7356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

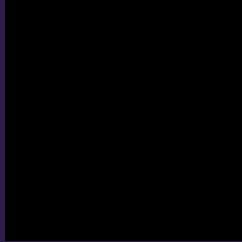
Any Text WCAG AA × Fail

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 14.3428, 12.6519, -20.7356 Background



This preview shows how black text looks on a background with the HunterLab color 14.3428, 12.6519, -20.7356.



This preview shows how white text looks on a background with the HunterLab color 14.3428, 12.6519, -20.7356.

-20.7356.

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

14.3428, 12.6519, -20.7356

Protanopia

14.1259, 3.2830, -24.7433

Deuteranopia

14.2857, -0.8812, -15.9536



Tritanopia

14.3851, -0.1270, -0.1665

Trichromacy



Original Color

14.3428, 12.6519, -20.7356

Protanomaly

13.8395, 5.6704, -24.7230

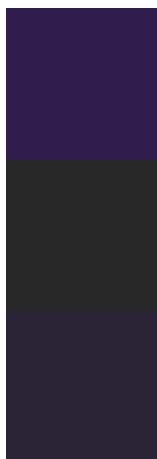
Deuteranomaly

13.9166, 2.9503, -18.9741

Tritanomaly

14.1120, 4.2303, -6.4158

Monochromacy



Original Color

14.3428, 12.6519, -20.7356

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.2888, 3.6395, -5.6132

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.3428, 12.6519, -20.7356 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, 29, 78)` looks like.

```
.text, #text, p{  
    color:rgb(48, 29, 78)  
}
```

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, 29, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 29, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 14.3428, 12.6519, -20.7356 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, 29, 78) }
```


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

```
.border{ border-color:rgb(48, 29, 78) }
```

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

Here you see how a box with a 4 pixel rgb(48, 29, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 29, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 29, 78);  
box-shadow:4px 4px 4px 4px rgb(48, 29, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.3428, 12.6519, -20.7356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 29, 78) }
```

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

```
.background{ background-color: rgb(48, 29,  
78) }
```

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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