

Converting Colors

HunterLab(14.3432, 21.3624,
-64.0430)

Have a look what the booklet for
HunterLab(14.3432, 21.3624,
-64.0430) contains.

HunterLab(14.3225, 21.5196, -64.3566)	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(14.3225, 21.5196,
-64.3566)**

Conversions

Conversions Part 1

Format	Color
Hex	001978
RGB	0, 25, 120
RGB Percent	0%, 10%, 47%
CMY	0.9999, 0.9020, 0.5294
CMYK	1.00, 0.79, 0.00, 0.53
HSL	228°, 100%, 24%
HSV	228°, 100%, 47%
XYZ	3.7378, 2.0513, 17.9683
YIQ	28.3550, -45.3950, 24.2450

Conversions

Conversions Part 2

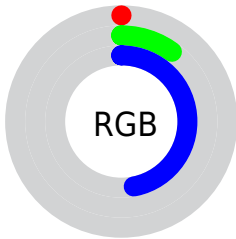
Format	Color
RYB	0, 21, 120
Decimal	6520
CIELab	15.75, 33.16, -54.95
CIELCh	16, 64.183, 301.109
Yxy	2.0514, 0.1573, 0.0863
Android (android.graphics.Color)	4278196600 (0xFF001978)
YUV	28.3550, 45.1810, -24.8673
Hunter-Lab	14.3225, 21.5196, -64.3566

Details

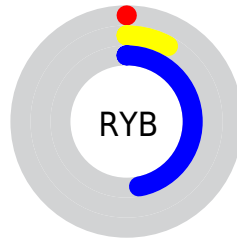
The HunterLab color **14.3225, 21.5196, -64.3566** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **34.9005, -0.5221, 21.4957**, and the grayscale version is **10.7616, -0.5742, 0.5847**.

A 20% lighter version of the original color is **29.7509, 24.3227, -60.0307**, and **6.6498, 18.0375, -47.2495** is the 20% darker color. If you saturate the color by 10%, you get **14.3206, 21.5259, -64.3677**, and if you desaturate by 10%, it is **16.1467, 17.3824, -54.9946**.

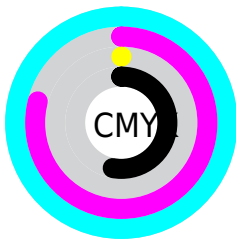
Distribution



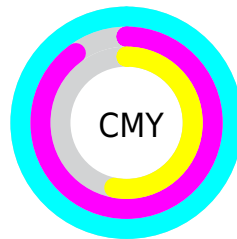
- Red (0%)
- Green (10%)
- Blue (47%)



- Red (0%)
- Yellow (8%)
- Blue (47%)



- Cyan (100%)
- Magenta (79%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (90%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.3225, 21.5196, -64.3566 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 14.3225, 21.5196, -64.3566 by changing the saturation by 10% instead.

■ 14.3225, 21.5196,
-64.3566

■ 14.3225, 21.5196,
-64.3566

■ 107.5327, 31.0714,
-64.1805

■ 7.9816, 20.8078,
-74.3276

■ 29.8013, 24.4738,
-60.3045

0.0000, INF, -NF

0.0000, NaN, -NF

■ 38.8433, 25.7510,
-60.1981

0.0000, NaN, -NF

■ 48.6504, 26.8991,
-60.5463

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.1671, 27.9292,
-61.1319

0.0000, NaN, NaN

■ 70.3484, 28.8524,
-61.8404

0.0000, NaN, NaN

■ 82.1568, 29.6784,

0.0000, NaN, NaN

-62.6077

■ 94.5607, 30.4156,
-63.3955

■ 14.3225, 21.5196,
-64.3566

■ 14.3225, 21.5196,
-64.3566

■ 14.3206, 21.5259,
-64.3677

■ 16.1467, 17.3824,
-54.9946

■ 18.3081, 13.4720,
-46.0282

■ 20.7934, 10.0910,
-37.6781

■ 23.5377, 7.2492,
-30.1295

■ 26.4905, 4.8839,
-23.3620

■ 29.6140, 2.9149,
-17.2771

■ 32.8798, 1.2672,
-11.7599

■ 36.2667, -0.1217,
-6.7048

■ 39.7585, -1.3021,
-2.0225

Harmonies

Analogous

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



14.3226, -0.0974, -84.7275



14.3225, 21.5196, -64.3566



14.3226, 43.1337, -25.5101

Triad

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



14.3226, 21.5212, -64.3565



14.3226, 19.7752, 10.0258



14.3226, -23.9277, 0.1359

Complementary

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



14.3225, 21.5196, -64.3566



34.9005, -0.5221, 21.4957

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.



14.3226, -21.5010, 10.0258



14.3225, 21.5196, -64.3566



14.3226, -1.4205, 10.0258

Square

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



14.3226, 21.5212, -64.3565



14.3226, 41.8258, 10.0258



14.3226, -14.4932, 10.0258



14.3226, -21.1231, -28.2522

Rectangle

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



14.3225, 21.5196, -64.3566



14.3226, 51.0710, -5.2119



14.3226, -14.4932, 10.0258



14.3226, -23.6967, 4.9499

Sweetspot

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



14.3226, 21.5212, -64.3565



43.2760, 1.8310, -16.1196



37.7377, -24.7138, 6.1824



20.3403, 1.2383, -9.0344



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



14.3226, 21.5212, -64.3565



18.5451, 30.0112, -87.9653



13.0255, 32.7112, -72.2848



20.0409, -0.6999, -0.8080



14.8962, 22.6813, -67.5814



30.9253, 54.9454, -157.2653

Inverse Universe

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



20.1583, 34.8660, 10.3271



26.7012, 46.1251, 14.1643



39.2578, -20.7100, 23.8273



20.0685, 0.7189, 1.1905



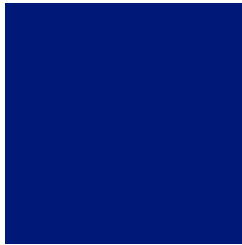
21.0496, 36.4028, 10.8523



45.8614, 79.0908, 25.3570

Previews

White Background



This preview shows how the HunterLab color 14.3225, 21.5196, -64.3566 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 14.3225, 21.5196, -64.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

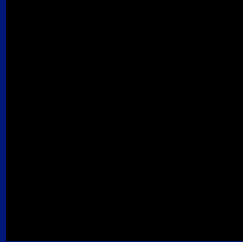
Any Text WCAG AA × Fail

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 14.3225, 21.5196, -64.3566 Background



This preview shows how black text looks on a background with the HunterLab color 14.3225, 21.5196, -64.3566.



This preview shows how white text looks on a background with the HunterLab color 14.3225, 21.5196, -64.3566.

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

14.3225, 21.5196, -64.3566

Protanopia

14.6360, 2.6832, -24.0860

Deuteranopia

14.5288, -1.2799, -15.3968



Tritanopia

14.7221, -7.4494, -2.3203

Trichromacy



Original Color

14.3225, 21.5196, -64.3566

Protanomaly

14.3059, 8.8076, -36.8943

Deuteranomaly

14.0820, 6.2100, -31.0068

Tritanomaly

13.7136, 1.1113, -19.5399

Monochromacy



Original Color

14.3225, 21.5196, -64.3566

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.1776, 4.1329, -16.4582

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.3225, 21.5196, -64.3566 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(0, 25, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 25, 120)  
}
```

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(0, 25, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 25, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 14.3225, 21.5196, -64.3566 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(0, 25, 120) }
```


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

```
.border{ border-color:rgb(0, 25, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 25, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 25, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 25, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 25, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.3225, 21.5196, -64.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 25, 120) }
```

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

```
.background{ background-color: rgb(0, 25,  
120) }
```

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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