Converting Colors

HunterLab(6.4584, -4.6375, 3.4549)

Have a look what the booklet for HunterLab(6.4584, -4.6375, 3.4549) contains.

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Color

HunterLab(6.5164, -4.5842, 3.4126)

Conversions

Conversions Part 1

Format	Color
Hex	031102
RGB	3, 17, 2
RGB Percent	1%, 7%, 1%
CMY	0.9882, 0.9333, 0.9922
CMYK	0.82, 0.00, 0.88, 0.93
HSL	116°, 79%, 4%
HSV	116°, 88%, 7%
XYZ	0.2490, 0.4246, 0.1263
YIQ	11.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

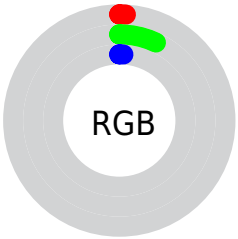
Format	Color
RYB	2, 17, 16
Decimal	200962
CIELab	3.84, -6.34, 4.81
CIELCh	4, 7.953, 142.808
Yxy	0.4247, 0.3112, 0.5309
Android (android.graphics.Color)	4278391042 (0xFF031102)
YUV	11.1040, -4.4883, -7.1072
Hunter-Lab	6.5164, -4.5842, 3.4126

Details

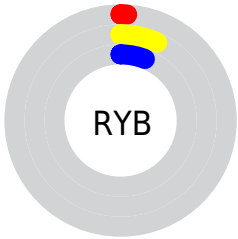
The HunterLab color 6.5164, -4.5842, 3.4126 is a dark color, and the websafe version is hex 000000. A complement of this color would be 4.4052, 5.9296, -4.3196, and the grayscale version is 5.8266, -0.3109, 0.3166.

A 20% lighter version of the original color is 20.0694, -4.5812, 3.7022, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get 6.4085, -5.0929, 3.7800, and if you desaturate by 10%, it is 6.6228, -4.0934, 3.0581.

Distribution

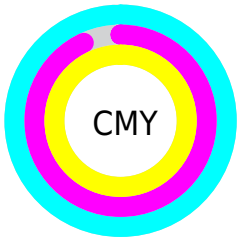


- Red (1%)
- Green (7%)
- Blue (1%)



- Red (1%)
- Yellow (7%)
- Blue (6%)

- Cyan (82%)
- Magenta (0%)
- Yellow (88%)
- Black (93%)



- Cyan (99%)
- Magenta (93%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 6.5164, -4.5842, 3.4126 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 6.5164, -4.5842, 3.4126 by changing the saturation by 10% instead.

6.5164, -4.5842, 3.4126	6.5164, -4.5842, 3.4126
92.1360, -11.1128, 9.4310	0.0000, NaN, NaN
20.1245, -4.7163, 3.6369	0.0000, NaN, NaN
28.1596, -5.6076, 4.4165	0.0000, NaN, NaN
37.0472, -6.4976, 5.2066	0.0000, NaN, NaN
46.7122, -7.3942, 6.0124	0.0000, NaN, NaN
57.0966, -8.3018, 6.8365	0.0000, NaN, NaN
68.1534, -9.2231,	0.0000, NaN, NaN

7.6806

79.8441, -10.1597, 8.5453

6.5164, -4.5842, 3.4126

6.4085, -5.0929, 3.7800

6.3892, -5.1846, 3.8463

6.5164, -4.5842, 3.4126

6.6228, -4.0934, 3.0581

6.7274, -3.6189, 2.7154

6.8304, -3.1596, 2.3837

6.9319, -2.7147, 2.0624

7.0330, -2.2788, 1.7508

7.1408, -1.8215, 1.4266

7.2565, -1.3389, 1.0823

7.3798, -0.8327, 0.7191

7.5107, -0.3048, 0.3384

Harmonies

Analogous

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

6.5165, -2.4095, 4.5616

6.5164, -4.5842, 3.4126

6.5165, -5.6240, 0.9880

Triad

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

6.5165, -4.5843, 3.4126

6.5165, -1.0138, -4.6719

6.5165, 4.5540, 2.3157

Complementary

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

6.5164, -4.5842, 3.4126

4.4052, 5.9296, -4.3196

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.

6.5165, 4.9279, -0.2786

6.5164, -4.5842, 3.4126

6.5165, 1.7134, -4.3087

Square

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

6.5165, -4.5843, 3.4126

6.5165, -3.5626, -3.6751

6.5165, 3.8882, -2.7032

6.5165, 2.8665, 4.3845

Rectangle

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

6.5164, -4.5842, 3.4126

6.5165, -5.5336, -0.7667

6.5165, 3.8882, -2.7032

6.5165, 4.8374, 1.4761

Sweetspot

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

6.5165, -4.5843, 3.4126

8.7974, -2.3187, 1.8109

7.0296, -1.4482, 3.8218

5.9937, -1.4842, 1.1683

51.3102, -2.7378, 2.7878

6.2737, -0.3347, 0.3409

Same Dimension

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

6.5165, -4.5843, 3.4126

7.8783, -6.4336, 4.7420

6.5761, -4.1233, 1.7792

4.7530, -0.5223, 0.4534

21.4202, -17.9993, 12.8839

63.9440, -54.4802, 38.4482

Inverse Universe

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

4.4052, 5.9296, -4.3196

4.7510, 9.4341, -6.9906

4.3083, 5.3223, -1.4033

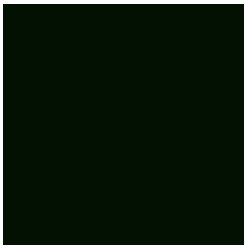
4.6396, 0.0277, 0.0521

12.8090, 25.5276, -19.5660

38.0961, 76.0522, -59.1920

Previews

White Background



This preview shows how the HunterLab color 6.5164, -4.5842, 3.4126 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

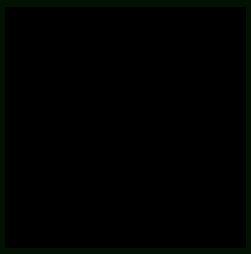
Black Background

Color Contrast Check

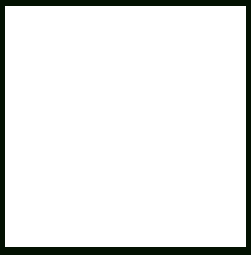
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

HunterLab 6.5164, -4.5842, 3.4126 Background



This preview shows how black text looks on a background with the HunterLab color 6.5164, -4.5842, 3.4126.



This preview shows how white text looks on a background with the HunterLab color 6.5164, -4.5842,

3.4126.

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

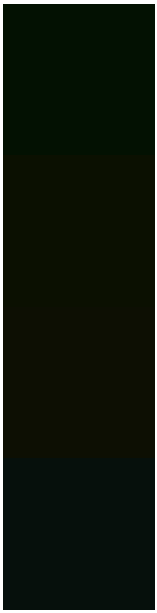
Original Color
6.5164, -4.5842, 3.4126

Protanopia
6.7379, -1.4599, 3.8736

Deuteranopia
6.7189, -0.3768, 3.1200

Tritanopia
6.8020, -1.7581, -0.4619

Trichromacy



Original Color
6.5164, -4.5842, 3.4126

Protanomaly
6.6627, -2.8515, 3.8001

Deuteranomaly
6.5863, -1.9525, 3.2487

Tritanomaly
6.6019, -2.7184, 0.8967

Monochromacy

Original Color
6.5164, -4.5842, 3.4126

Achromatopsia
5.7849, -0.3087, 0.3143

Achromatomaly
5.9750, -1.8555, 1.3697

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 6.5164, -4.5842, 3.4126 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(3, 17, 2) looks like.

```
.text, #text, p{
    color:rgb(3, 17, 2)
}
```

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(3, 17, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 17, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 6.5164, -4.5842, 3.4126 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(3, 17, 2) }
```

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

```
.border{ border-color:rgb(3, 17, 2) }
```

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

Here you see how a box with a 4 pixel rgb(3, 17, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(3, 17, 2); -webkit-box-shadow:4px 4px 4px 4px rgb(3, 17, 2); box-shadow:4px 4px 4px 4px rgb(3, 17, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 6.5164, -4.5842, 3.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(3, 17, 2) }
```

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

```
.background{ background-color:rgb(3, 17,
2) }
```

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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