

Converting Colors

HunterLab(20.2495, -15.3011,
4.9563)

Have a look what the booklet for
HunterLab(20.2495, -15.3011,
4.9563) contains.

HunterLab(20.5031, -14.2825, 5.2047)	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(20.5031,
-14.2825, 5.2047)**

Conversions

Conversions Part 1

Format	Color
Hex	00432D
RGB	0, 67, 45
RGB Percent	0%, 26%, 18%
CMY	1.0000, 0.7373, 0.8235
CMYK	1.00, 0.00, 0.33, 0.74
HSL	160°, 100%, 13%
HSV	160°, 100%, 26%
XYZ	2.4808, 4.2038, 3.1633
YIQ	44.4590, -32.8700, -21.0460

Conversions

Conversions Part 2

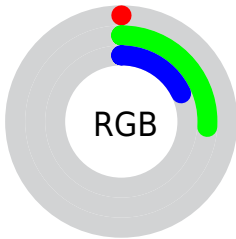
Format	Color
RYB	0, 40, 67
Decimal	17197
CIELab	24.33, -25.54, 8.06
CIELCh	24, 26.779, 162.487
Yxy	4.2039, 0.2519, 0.4269
Android (android.graphics.Color)	4278207277 (0xFF00432D)
YUV	44.4590, 0.2667, -38.9905
Hunter-Lab	20.5031, -14.2825, 5.2047

Details

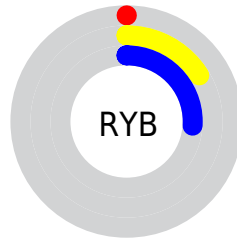
The HunterLab color **20.5031, -14.2825, 5.2047** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.1862, 19.6737, 3.2135**, and the grayscale version is **16.0285, -0.8552, 0.8709**.

A 20% lighter version of the original color is **37.5712, -19.0900, 7.1980**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.5035, -14.2828, 5.2050**, and if you desaturate by 10%, it is **20.6508, -13.5938, 4.7046**.

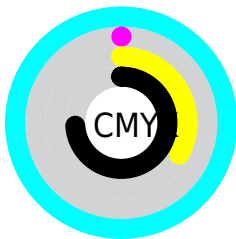
Distribution



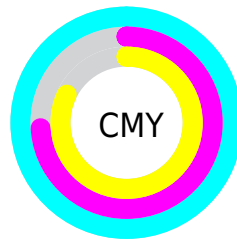
- Red (0%)
- Green (26%)
- Blue (18%)



- Red (0%)
- Yellow (16%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5031, -14.2825, 5.2047 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 20.5031, -14.2825, 5.2047 by changing the saturation by 10% instead.

■ 20.5031, -14.2825,
5.2047

■ 20.5031, -14.2825,
5.2047

■ 119.0974,
-32.6827, 14.4612

■ 13.3727, -11.5805,
4.1351

■ 37.5113, -18.9708,
7.2449

■ 6.9272, -12.1225,
4.8490

■ 47.2134, -21.1067,
8.2514

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.6323, -23.1554,
9.2605

0.0000, NaN, NaN

■ 68.7216, -25.1392,
10.2768

0.0000, NaN, NaN

■ 80.4430, -27.0738,
11.3033


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.7641, -28.9706,


12.3420


0.0000, NaN, NaN


 105.6570,
-30.8380, 13.3943


 20.5031, -14.2825,
5.2047


 20.5031, -14.2825,
5.2047


 20.5035, -14.2828,
5.2050

 20.6508, -13.5938,
4.7046

 20.8045, -12.8811,
4.1861

 20.9967, -12.0164,
3.6862

 21.2350, -10.9751,
3.2165

 21.5213, -9.7571,
2.7828

■ 21.8568, -8.3666,
2.3898

■ 22.2418, -6.8111,
2.0414

■ 22.6765, -5.1006,
1.7404

■ 23.1602, -3.2470,
1.4887

Harmonies

Analogous

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



20.5035, -10.8615, 9.4931



20.5031, -14.2825, 5.2047



20.5035, -14.5471, -2.4729

Triad

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



20.5035, -14.2827, 5.2049



20.5035, 2.4973, -20.1292



20.5035, 12.1558, 8.9905

Complementary

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



20.5031, -14.2825, 5.2047



11.1862, 19.6737, 3.2135

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.



20.5035, 17.0771, 4.1545



20.5031, -14.2825, 5.2047



20.5035, 10.9302, -13.6649

Square

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



20.5035, -14.2827, 5.2049



20.5035, -5.7115, -19.4762



20.5035, 16.5957, -4.0392



20.5035, 3.9697, 10.9987

Rectangle

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



20.5031, -14.2825, 5.2047



20.5035, -12.9685, -8.9123



20.5035, 16.5957, -4.0392



20.5035, 14.3015, 7.7473

Sweetspot

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



20.5035, -14.2827, 5.2049



28.8141, -9.1033, 2.7030



20.4667, -15.3601, 12.3424



14.6219, -4.8098, 1.4126



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.5035, -14.2827, 5.2049



26.6003, -18.6782, 7.0729



17.9377, -7.3158, -6.6275



12.1417, -1.5454, 0.7604



29.8555, -21.0262, 8.0727



74.6670, -53.3883, 21.9227

Inverse Universe

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



11.1862, 19.6737, 3.2135



14.4842, 25.3992, 4.7512



11.9857, 15.3105, 7.6533



11.5955, 0.3116, 0.5492



16.2456, 28.4570, 5.5685



40.4987, 70.5656, 16.7870

Previews

White Background



This preview shows how the HunterLab color 20.5031, -14.2825, 5.2047 looks on a white background.

Color Contrast Check

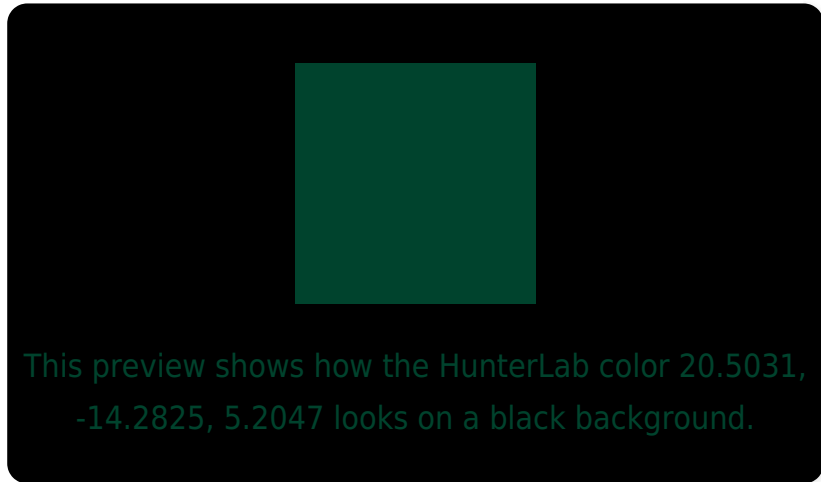
Large Text (above 18pt) WCAG AA ✓ Pass

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

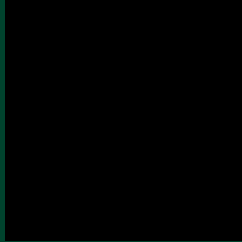
Any Text WCAG AA × Fail

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 20.5031, -14.2825, 5.2047 Background



This preview shows how black text looks on a background with the HunterLab color 20.5031, -14.2825, 5.2047.



This preview shows how white text looks on a background with the HunterLab color 20.5031,

-14.2825, 5.2047.

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

20.5031, -14.2825, 5.2047

Protanopia

20.5985, -1.7035, 6.6246

Deuteranopia

20.6459, 1.1431, 5.0188



Tritanopia

20.6848, -8.0583, -3.5334

Trichromacy



Original Color

20.5031, -14.2825, 5.2047

Protanomaly

19.8891, -8.2251, 5.5817

Deuteranomaly

19.8559, -6.8322, 4.3973

Tritanomaly

20.5144, -10.6413, 0.0992

Monochromacy



Original Color

20.5031, -14.2825, 5.2047

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.9844, -7.0062, 2.0248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5031, -14.2825, 5.2047 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, 67, 45)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 45)  
}
```

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, 67, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5031, -14.2825, 5.2047 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, 67, 45) }
```


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

```
.border{ border-color:rgb(0, 67, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 67, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 67, 45); box-shadow:4px  
4px 4px 4px rgb(0, 67, 45) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5031, -14.2825, 5.2047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 67, 45) }
```

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

```
.background{ background-color: rgb(0, 67,  
45) }
```

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