

Converting Colors

HunterLab(20.4293, -13.9442,
5.7417)

Have a look what the booklet for
HunterLab(20.4293, -13.9442,
5.7417) contains.

HunterLab(20.5764, -14.0540, 5.8475)	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(20.5764,
-14.0540, 5.8475)**

Conversions

Conversions Part 1

Format	Color
Hex	07432B
RGB	7, 67, 43
RGB Percent	3%, 26%, 17%
CMY	0.9725, 0.7373, 0.8314
CMYK	0.90, 0.00, 0.36, 0.74
HSL	156°, 81%, 15%
HSV	156°, 90%, 26%
XYZ	2.5308, 4.2339, 2.9693
YIQ	46.3240, -28.0560, -20.1840

Conversions

Conversions Part 2

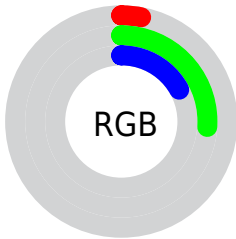
Format	Color
RYB	7, 45, 67
Decimal	475947
CIELab	24.43, -24.96, 9.51
CIELCh	24, 26.711, 159.149
Yxy	4.2341, 0.2600, 0.4350
Android (android.graphics.Color)	4278666027 (0xFF07432B)
YUV	46.3240, -1.6387, -34.4871
Hunter-Lab	20.5764, -14.0540, 5.8475

Details

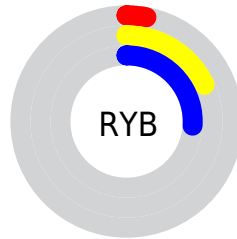
The HunterLab color **20.5764, -14.0540, 5.8475** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.0177, 18.1538, 1.3271**, and the grayscale version is **16.6484, -0.8883, 0.9045**.

A 20% lighter version of the original color is **37.6884, -18.7204, 8.0274**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.4249, -14.7739, 6.4164**, and if you desaturate by 10%, it is **20.7369, -13.3015, 5.2488**.

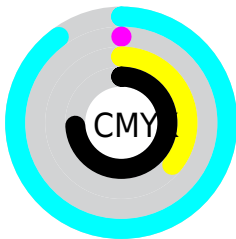
Distribution



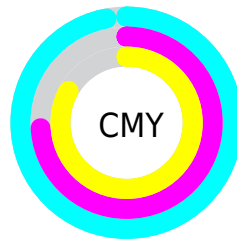
- Red (3%)
- Green (26%)
- Blue (17%)



- Red (3%)
- Yellow (18%)
- Blue (26%)



- Cyan (90%)
- Magenta (0%)
- Yellow (36%)
- Black (74%)



- Cyan (97%)
- Magenta (74%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5764, -14.0540, 5.8475 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 20.5764, -14.0540, 5.8475 by changing the saturation by 10% instead.

■ 20.5764, -14.0540,
5.8475

■ 20.5764, -14.0540,
5.8475

■ 119.2291,
-32.1336, 15.8453

■ 13.4363, -11.4126,
4.6439

■ 37.6009, -18.6470,
8.1037

■ 7.0035, -12.2562,
4.9025

■ 47.3102, -20.7430,
9.2019

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.7358, -22.7553,
10.2952

0.0000, NaN, NaN

■ 68.8313, -24.7055,
11.3898

0.0000, NaN, NaN

■ 80.5586, -26.6088,
12.4896


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.8853, -28.4761,


13.5976


0.0000, NaN, NaN


 105.7836,
-30.3156, 14.7157


 20.5764, -14.0540,
5.8475


 20.5764, -14.0540,
5.8475


 20.4249, -14.7739,
6.4164


 20.7369, -13.3015,
5.2488

 20.4182, -14.8061,
6.4411

 20.9375, -12.3867,
4.6553

 21.1854, -11.2892,
4.0783

 21.4823, -10.0101,
3.5243

 21.8292, -8.5543,
2.9991

■ 22.2266, -6.9305,
2.5077

■ 22.6742, -5.1496,
2.0541

■ 23.1715, -3.2246,
1.6413

■ 23.7174, -1.1693,
1.2716

Harmonies

Analogous

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



20.5768, -10.2846, 9.7918



20.5764, -14.0540, 5.8475



20.5768, -14.6701, -1.4590

Triad

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



20.5768, -14.0542, 5.8477



20.5768, 1.5162, -20.3786



20.5768, 12.8881, 8.6166

Complementary

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



20.5764, -14.0540, 5.8475



12.0177, 18.1538, 1.3271

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.



20.5768, 17.2685, 3.4032



20.5764, -14.0540, 5.8475



20.5768, 10.0480, -14.5898

Square

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



20.5768, -14.0542, 5.8477



20.5768, -6.5066, -18.8703



20.5768, 16.1536, -5.0902



20.5768, 4.9320, 10.8903

Rectangle

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



20.5764, -14.0540, 5.8475



20.5768, -13.3256, -7.7926



20.5768, 16.1536, -5.0902



20.5768, 14.8809, 7.2562

Sweetspot

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



20.5768, -14.0542, 5.8477



28.9394, -8.6766, 3.1678



20.8252, -13.8048, 12.0183



14.6976, -4.5449, 1.6475



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.



20.5768, -14.0542, 5.8477



26.4878, -19.3693, 8.7053



19.7378, -9.0069, -3.9471



12.1364, -1.5749, 0.8362



29.7285, -21.8066, 9.9162



74.3409, -55.3958, 26.6640

Inverse Universe

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



12.0177, 18.1538, 1.3271



14.5989, 25.8194, 3.0905



12.1311, 15.3303, 6.7610



11.6009, 0.3408, 0.4721



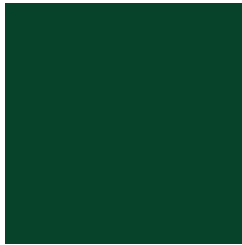
16.3731, 28.9245, 3.7198



40.7988, 71.6685, 12.4150

Previews

White Background



This preview shows how the HunterLab color 20.5764, -14.0540, 5.8475 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

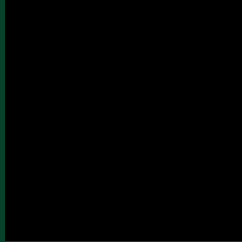
Any Text WCAG AA × Fail

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 20.5764, -14.0540, 5.8475 Background



This preview shows how black text looks on a background with the HunterLab color 20.5764, -14.0540, 5.8475.



This preview shows how white text looks on a background with the HunterLab color 20.5764,

-14.0540, 5.8475.

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

20.5764, -14.0540, 5.8475

Protanopia

20.5654, -1.8858, 7.1055

Deuteranopia

20.6266, 1.0392, 5.2984



Tritanopia

20.7139, -7.9475, -3.4909

Trichromacy



Original Color

20.5764, -14.0540, 5.8475

Protanomaly

20.0107, -7.8298, 6.2454

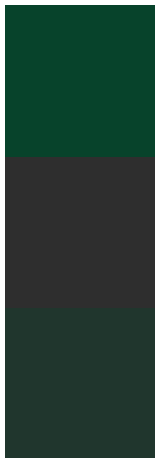
Deuteranomaly

20.0051, -6.3113, 4.8587

Tritanomaly

20.5802, -10.3823, 0.1838

Monochromacy



Original Color

20.5764, -14.0540, 5.8475

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.7056, -6.9051, 2.4757

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5764, -14.0540, 5.8475 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(7, 67, 43)` looks like.

```
.text, #text, p{  
    color:rgb(7, 67, 43)  
}
```

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(7, 67, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 67, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5764, -14.0540, 5.8475 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(7, 67, 43) }
```


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

```
.border{ border-color:rgb(7, 67, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 67, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 67, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 67, 43); box-shadow:4px  
4px 4px 4px rgb(7, 67, 43) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5764, -14.0540, 5.8475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 67, 43) }
```

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

```
.background{ background-color: rgb(7, 67,  
43) }
```

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