

Converting Colors

HunterLab(20.8902, -4.4314,
-14.6438)

Have a look what the booklet for
HunterLab(20.8902, -4.4314,
-14.6438) contains.

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Color

**HunterLab(20.8910, -4.4242,
-14.6567)**

Conversions

Conversions Part 1

Format	Color
Hex	0B3F5A
RGB	11, 63, 90
RGB Percent	4%, 25%, 35%
CMY	0.9568, 0.7529, 0.6471
CMYK	0.88, 0.30, 0.00, 0.65
HSL	201°, 78%, 20%
HSV	201°, 88%, 35%
XYZ	3.7610, 4.3643, 10.3170
YIQ	50.5300, -39.6590, -2.6270

Conversions

Conversions Part 2

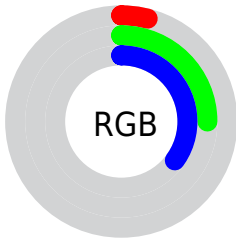
Format	Color
R_{YB}	11, 42, 90
Decimal	737114
CIE Lab	24.84, -5.66, -20.76
CIE LCh	25, 21.520, 254.760
Yxy	4.3645, 0.2039, 0.2367
Android (android.graphics.Color)	4278927194 (0xFF0B3F5A)
YUV	50.5300, 19.4587, -34.6678
Hunter-Lab	20.8910, -4.4242, -14.6567

Details

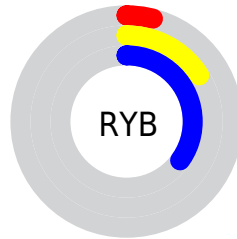
The HunterLab color **20.8910, -4.4242, -14.6567** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18.9327, 13.7277, 10.9145**, and the grayscale version is **17.9842, -0.9596, 0.9771**.

A 20% lighter version of the original color is **37.8292, -5.9743, -15.6807**, and **8.4745, 0.3937, -11.4423** is the 20% darker color. If you saturate the color by 10%, you get **19.9373, -3.7112, -16.5453**, and if you desaturate by 10%, it is **21.8916, -4.9871, -12.7955**.

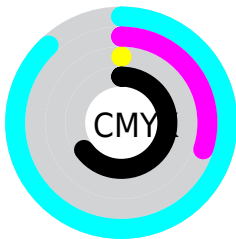
Distribution



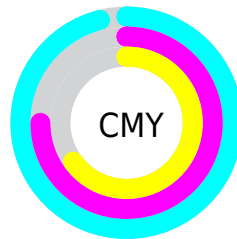
- Red (4%)
- Green (25%)
- Blue (35%)



- Red (4%)
- Yellow (16%)
- Blue (35%)



- Cyan (88%)
- Magenta (30%)
- Yellow (0%)
- Black (65%)



- Cyan (96%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8910, -4.4242, -14.6567 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 20.8910, -4.4242, -14.6567 by changing the saturation by 10% instead.

■ 20.8910, -4.4242,
-14.6567

■ 20.8910, -4.4242,
-14.6567

■ 119.7930,
-12.4527, -16.8582

■ 13.7094, -3.5768,
-14.1957

■ 37.9851, -6.1098,
-15.5656

■ 7.3211, -3.7579,
-14.9635

■ 47.7249, -6.9662,
-15.9366

0.0000, NaN, -NF

■ 58.1788, -7.8369,
-16.2421

0.0000, NaN, NaN

■ 69.3011, -8.7239,
-16.4830

0.0000, NaN, NaN

■ 81.0536, -9.6285,
-16.6619

0.0000, NaN, NaN

■ 93.4043, -10.5513,

0.0000, NaN, NaN

-16.7820

0.0000, NaN, NaN

■ 106.3255,
-11.4926, -16.8464

■ 20.8910, -4.4242,
-14.6567

■ 20.8910, -4.4242,
-14.6567

■ 19.9373, -3.7112,
-16.5453

■ 21.8916, -4.9871,
-12.7955

■ 19.7249, -3.5536,
-16.9832

■ 22.9665, -5.2949,
-10.9124

■ 24.1139, -5.3558,
-9.0182

■ 25.3306, -5.1839,
-7.1231

■ 26.6126, -4.7965,
-5.2357

■ 27.9560, -4.2119,
-3.3621

■ 29.3567, -3.4488,
-1.5068

■ 30.8109, -2.5247,
0.3275

■ 32.3149, -1.4561,
2.1392

Harmonies

Analogous

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



20.8914, -9.5675, -9.5773



20.8910, -4.4242, -14.6567



20.8914, 2.2999, -14.7013

Triad

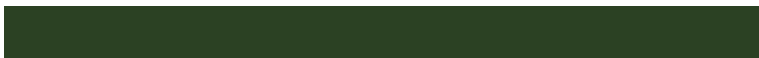
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.8914, -4.4240, -14.6563



20.8914, 12.9979, 4.0485



20.8914, -9.5032, 8.1496

Complementary

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



20.8910, -4.4242, -14.6567



18.9327, 13.7277, 10.9145

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.



20.8914, -4.3253, 9.9086



20.8910, -4.4242, -14.6567



20.8914, 8.9381, 8.1046

Square

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



20.8914, -4.4240, -14.6563



20.8914, 12.9626, -2.3812



20.8914, 2.4119, 9.8953



20.8914, -12.2360, 4.1334

Rectangle

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



20.8910, -4.4242, -14.6567



20.8914, 6.8235, -11.7851



20.8914, 2.4119, 9.8953



20.8914, -8.0221, 8.9585

Sweetspot

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



20.8914, -4.4240, -14.6563



37.1452, -5.4869, -4.2181



27.4213, -21.0798, 12.6830



18.0770, -2.7886, -2.3253



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



20.8914, -4.4240, -14.6563



25.7454, -4.1691, -23.1796



12.1235, 12.8509, -39.6104



15.8127, -1.3579, 0.0670



24.0317, -3.9962, -21.4109



54.7097, -6.9576, -53.3630

Inverse Universe

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



16.6495, 26.9714, -6.0152



20.8362, 38.2683, -6.5793



27.3542, -2.7181, 16.1213



15.3957, 0.7303, 0.1967



19.3977, 35.6428, -6.2527



45.2038, 82.7297, -12.0053

Previews

White Background



This preview shows how the HunterLab color 20.8910, -4.4242, -14.6567 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 20.8910, -4.4242, -14.6567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

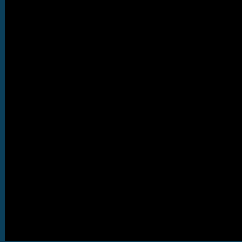
Any Text WCAG AA × Fail

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 20.8910, -4.4242, -14.6567 Background



This preview shows how black text looks on a background with the HunterLab color 20.8910, -4.4242, -14.6567.



This preview shows how white text looks on a background with the HunterLab color 20.8910, -4.4242, -14.6567.

-14.6567.

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

20.8910, -4.4242, -14.6567

Protanopia

20.9191, 1.8590, -12.0302

Deuteranopia

20.9687, 1.1740, -15.0444



Tritanopia

20.8599, -10.1016, -4.2666

Trichromacy



Original Color

20.8910, -4.4242, -14.6567

Protanomaly

20.7242, -1.2659, -13.0484

Deuteranomaly

20.6842, -1.0805, -15.6441

Tritanomaly

20.8721, -8.1718, -7.7562

Monochromacy



Original Color

20.8910, -4.4242, -14.6567

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.6791, -3.5626, -4.4263

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8910, -4.4242, -14.6567 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(11, 63, 90)` looks like.

```
.text, #text, p{  
    color:rgb(11, 63, 90)  
}
```

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(11, 63, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 63, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8910, -4.4242, -14.6567 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(11, 63, 90) }
```


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

```
.border{ border-color:rgb(11, 63, 90) }
```

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

Here you see how a box with a 4 pixel rgb(11, 63, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 63, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 63, 90);  
box-shadow:4px 4px 4px 4px rgb(11, 63, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8910, -4.4242, -14.6567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 63, 90) }
```

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

```
.background{ background-color: rgb(11, 63,  
90) }
```

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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