

Converting Colors

HunterLab(20.6355, 11.8998,
-47.3279)

Have a look what the booklet for
HunterLab(20.6355, 11.8998,
-47.3279) contains.

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Color

**HunterLab(20.7524, 11.7725,
-47.3439)**

Conversions

Conversions Part 1

Format	Color
Hex	143582
RGB	20, 53, 130
RGB Percent	8%, 21%, 51%
CMY	0.9215, 0.7922, 0.4902
CMYK	0.85, 0.59, 0.00, 0.49
HSL	222°, 73%, 29%
HSV	222°, 85%, 51%
XYZ	5.5908, 4.3066, 21.6556
YIQ	51.9110, -44.3850, 16.9510

Conversions

Conversions Part 2

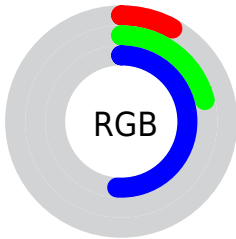
Format	Color
R_{YB}	20, 45, 130
Decimal	1324418
CIE _{Lab}	24.66, 19.20, -46.64
CIE _{LCh}	25, 50.435, 292.370
Yxy	4.3067, 0.1772, 0.1365
Android (android.graphics.Color)	4279514498 (0xFF143582)
YUV	51.9110, 38.4979, -27.9859
Hunter-Lab	20.7524, 11.7725, -47.3439

Details

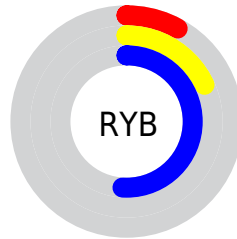
The HunterLab color **20.7524, 11.7725, -47.3439** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **36.5347, 2.5501, 21.4823**, and the grayscale version is **18.3873, -0.9811, 0.9990**.

A 20% lighter version of the original color is **37.8361, 13.3272, -47.5128**, and **9.0473, 15.0963, -43.8970** is the 20% darker color. If you saturate the color by 10%, you get **18.5763, 15.6707, -55.6852**, and if you desaturate by 10%, it is **23.2194, 8.4502, -39.4714**.

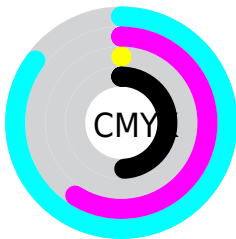
Distribution



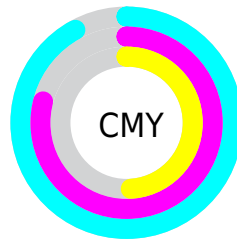
- Red (8%)
- Green (21%)
- Blue (51%)



- Red (8%)
- Yellow (18%)
- Blue (51%)



- Cyan (85%)
- Magenta (59%)
- Yellow (0%)
- Black (49%)



- Cyan (92%)
- Magenta (79%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7524, 11.7725, -47.3439 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 20.7524, 11.7725, -47.3439 by changing the saturation by 10% instead.

■ 20.7524, 11.7725,
-47.3439

■ 20.7524, 11.7725,
-47.3439

■ 119.5446, 15.0677,
-52.0337

■ 13.5889, 10.8497,
-48.9898

■ 37.8158, 13.1731,
-47.3303

■ 7.1830, 11.3981,
-57.5079

■ 47.5422, 13.6924,
-47.8774

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.9836, 14.1130,
-48.5466

0.0000, NaN, -NF

■ 69.0941, 14.4464,
-49.2642

0.0000, NaN, NaN

■ 80.8355, 14.7018,
-49.9901

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.1757, 14.8866,

-50.7017

0.0000, NaN, NaN

106.0868, 15.0069,
-51.3855

■ 20.7524, 11.7725,
-47.3439

■ 20.7524, 11.7725,
-47.3439

■ 18.5763, 15.6707,
-55.6852

■ 23.2194, 8.4502,
-39.4714

■ 17.4990, 17.8754,
-60.4600

■ 25.9325, 5.7093,
-32.2057

■ 28.8506, 3.4898,
-25.5627

■ 31.9404, 1.7141,
-19.4912

■ 35.1761, 0.3077,
-13.9161

■ 38.5370, -0.7938,
-8.7598

■ 42.0073, -1.6438,
-3.9521

■ 45.5741, -2.2856,
0.5674

■ 49.2273, -2.7536,
4.8492

Harmonies

Analogous

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



20.7527, -4.9918, -52.8223



20.7524, 11.7725, -47.3439



20.7527, 28.8678, -25.4146

Triad

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



20.7527, 11.7734, -47.3433



20.7527, 20.9018, 14.0125



20.7527, -23.4595, 4.6136

Complementary

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



20.7524, 11.7725, -47.3439



36.5347, 2.5501, 21.4823

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.



20.7527, -20.1118, 12.1849



20.7524, 11.7725, -47.3439



20.7527, 3.0834, 14.5269

Square

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



20.7527, 11.7734, -47.3433



20.7527, 35.1438, 9.3963



20.7527, -11.4562, 14.5269



20.7527, -22.4005, -13.1635

Rectangle

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



20.7524, 11.7725, -47.3439



20.7527, 36.5313, -9.6743



20.7527, -11.4562, 14.5269



20.7527, -22.8585, 8.1174

Sweetspot

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



20.7527, 11.7734, -47.3433



50.7064, -0.9286, -12.2597



41.2035, -26.9252, 8.6433



23.4983, -0.2518, -6.7656



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



20.7527, 11.7734, -47.3433



22.7171, 25.1249, -82.6318



16.1394, 29.6523, -67.1194



20.9899, -0.9652, -0.6790



17.1670, 17.4164, -59.0544

0.0000, NaN, NaN

Inverse Universe

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



23.4597, 35.7860, 6.5699



29.3125, 50.9984, 12.7414



43.8225, -18.4679, 25.7839



20.8898, 0.8414, 1.0322



21.6611, 37.7485, 8.9331

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 20.7524, 11.7725, -47.3439 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 20.7524, 11.7725, -47.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

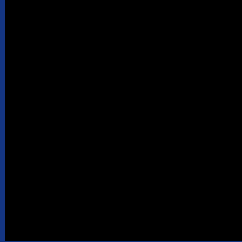
Any Text WCAG AA × Fail

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 20.7524, 11.7725, -47.3439 Background



This preview shows how black text looks on a background with the HunterLab color 20.7524, 11.7725, -47.3439.



This preview shows how white text looks on a background with the HunterLab color 20.7524, 11.7725, -47.3439.

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

20.7524, 11.7725, -47.3439

Protanopia

20.6938, 5.6494, -38.0608

Deuteranopia

20.5207, -0.5600, -24.4402



Tritanopia

20.5189, -10.1193, -3.8022

Trichromacy



Original Color

20.7524, 11.7725, -47.3439

Protanomaly

20.8057, 7.6872, -41.3855

Deuteranomaly

20.4051, 3.9308, -32.7519

Tritanomaly

20.3420, -3.6167, -16.3765

Monochromacy



Original Color

20.7524, 11.7725, -47.3439

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.6716, 1.2725, -12.5719

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7524, 11.7725, -47.3439 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(20, 53, 130)` looks like.

```
.text, #text, p{  
    color:rgb(20, 53, 130)  
}
```

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(20, 53, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 53, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7524, 11.7725, -47.3439 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(20, 53, 130) }
```


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

```
.border{ border-color:rgb(20, 53, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 53, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 53, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 53, 130);  
box-shadow:4px 4px 4px 4px rgb(20, 53,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.7524, 11.7725, -47.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 53, 130) }
```

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

```
.background{ background-color: rgb(20, 53,  
130) }
```

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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