

Converting Colors

HunterLab(18.7524, 5.9656,
-28.0845)

Have a look what the booklet for
HunterLab(18.7524, 5.9656,
-28.0845) contains.

HunterLab(18.7524, 5.9656, -28.0845)	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>	30

Color

**HunterLab(18.7524, 5.9656,
-28.0845)**

Conversions

Conversions Part 1

Format	Color
Hex	1E3266
RGB	30, 50, 102
RGB Percent	12%, 20%, 40%
CMY	0.8823, 0.8039, 0.6000
CMYK	0.71, 0.51, 0.00, 0.60
HSL	223°, 55%, 26%
HSV	223°, 71%, 40%
XYZ	4.0743, 3.5165, 13.0344
YIQ	49.9480, -28.6120, 11.9320

Conversions

Conversions Part 2

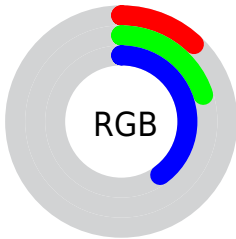
Format	Color
R_{YB}	30, 46, 102
Decimal	1978982
CIE _{Lab}	22.00, 11.18, -33.04
CIE _{LCh}	22, 34.884, 288.689
Yxy	3.5166, 0.1975, 0.1705
Android (android.graphics.Color)	4280169062 (0xFF1E3266)
YUV	49.9480, 25.6616, -17.4944
Hunter-Lab	18.7524, 5.9656, -28.0845

Details

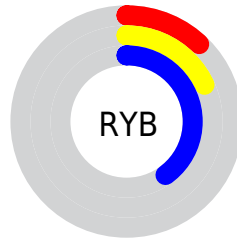
The HunterLab color **18.7524, 5.9656, -28.0845** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **29.9229, -0.2785, 15.9991**, and the grayscale version is **17.7663, -0.9480, 0.9653**.

A 20% lighter version of the original color is **35.4088, 6.5075, -29.2581**, and **5.8392, 11.8571, -32.8946** is the 20% darker color. If you saturate the color by 10%, you get **16.7547, 8.3233, -34.0133**, and if you desaturate by 10%, it is **20.9219, 4.0206, -22.6607**.

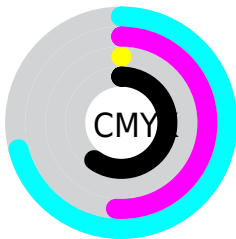
Distribution



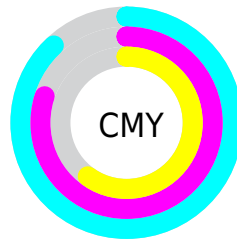
- Red (12%)
- Green (20%)
- Blue (40%)



- Red (12%)
- Yellow (18%)
- Blue (40%)



- Cyan (71%)
- Magenta (51%)
- Yellow (0%)
- Black (60%)



- Cyan (88%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7524, 5.9656, -28.0845 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 18.7524, 5.9656, -28.0845 by changing the saturation by 10% instead.

■ 18.7524, 5.9656,
-28.0845

■ 18.7524, 5.9656,
-28.0845

■ 115.9178, 6.0056,
-32.5879

■ 11.8618, 5.4911,
-28.2913

■ 35.3593, 6.5229,
-29.0025

■ 4.7106, 10.0886,
-41.7920

■ 44.8868, 6.6514,
-29.6105

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.1431, 6.6994,
-30.2134

0.0000, NaN, NaN

■ 66.0799, 6.6766,
-30.7846

0.0000, NaN, NaN

■ 77.6571, 6.5905,
-31.3117

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.8411, 6.4469,

-31.7890

0.0000, NaN, NaN

102.6030, 6.2506,
-32.2144

18.7524, 5.9656,
-28.0845

18.7524, 5.9656,
-28.0845

16.7547, 8.3233,
-34.0133

20.9219, 4.0206,
-22.6607

14.9635, 11.1205,
-40.3927

23.2334, 2.4332,
-17.7199

13.4370, 13.9653,
-46.9421

25.6647, 1.1462,
-13.2054

28.1981, 0.1074,
-9.0535

30.8199, -0.7269,
-5.2041

■ 33.5193, -1.3924,
-1.6050

■ 36.2875, -1.9181,
1.7879

■ 39.1178, -2.3267,
5.0107

■ 42.0043, -2.6369,
8.0933

Harmonies

Analogous

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



18.7527, -4.8238, -29.5586



18.7524, 5.9656, -28.0845



18.7527, 16.8380, -16.7543

Triad

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



18.7527, 5.9660, -28.0840



18.7527, 14.3906, 10.5327



18.7527, -17.0602, 4.4307

Complementary

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



18.7524, 5.9656, -28.0845



29.9229, -0.2785, 15.9991

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.



18.7527, -13.9570, 9.8243



18.7524, 5.9656, -28.0845



18.7527, 3.1536, 12.3019

Square

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



18.7527, 5.9660, -28.0840



18.7527, 22.3971, 6.2196



18.7527, -7.0803, 12.0451



18.7527, -16.6325, -6.2920

Rectangle

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



18.7524, 5.9656, -28.0845



18.7527, 21.9392, -7.4532



18.7527, -7.0803, 12.0451



18.7527, -16.4291, 6.7757

Sweetspot

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



18.7527, 5.9660, -28.0840



40.4563, -0.8610, -7.3948



32.2212, -18.7449, 4.9834



19.3315, -0.3246, -4.0445



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



18.7527, 5.9660, -28.0840



20.5295, 13.4999, -50.7821



15.6836, 17.7557, -37.5461



16.9587, -0.7432, -0.5130



15.0270, 16.3845, -54.1520



32.3632, 43.1323, -133.5614

Inverse Universe

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



19.9596, 23.3763, 3.7443



23.8563, 36.5155, 7.4997



34.0501, -13.1380, 18.6122



16.9050, 0.5921, 0.8772



19.3171, 33.6173, 8.3257



43.9661, 76.2227, 21.2051

Previews

White Background



This preview shows how the HunterLab color 18.7524, 5.9656, -28.0845 looks on a white background.

Color Contrast Check

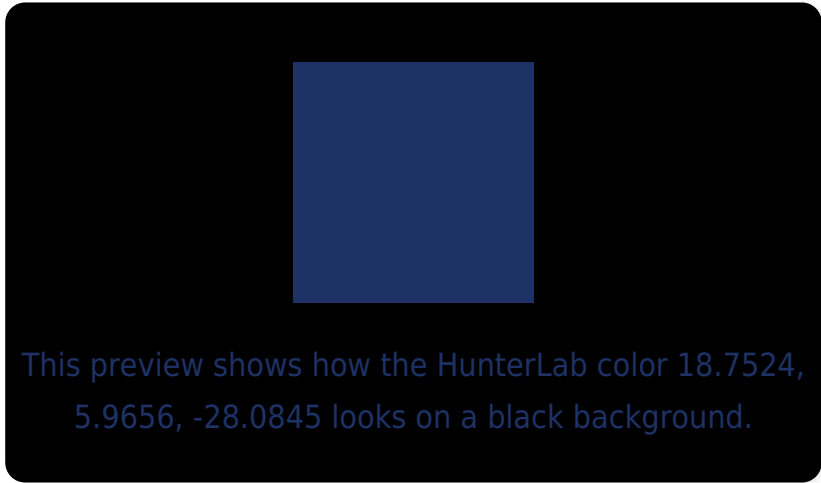
Large Text (above 18pt) WCAG AA ✓ Pass

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

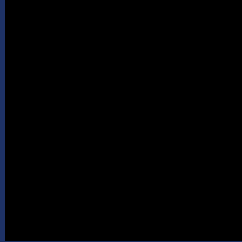
Any Text WCAG AA × Fail

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 18.7524, 5.9656, -28.0845 Background



This preview shows how black text looks on a background with the HunterLab color 18.7524, 5.9656, -28.0845.



This preview shows how white text looks on a background with the HunterLab color 18.7524, 5.9656, -28.0845.

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

18.7524, 5.9656, -28.0845

Protanopia

18.7253, 4.8012, -29.0075

Tritanopia

18.6730, -9.1508, -3.5856

Trichromacy



Original Color

18.7524, 5.9656, -28.0845

Protanomaly

18.8179, 5.0939, -28.7454

Tritanomaly

18.5346, -4.5863, -11.1193

Monochromacy



Original Color

18.7524, 5.9656, -28.0845

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.9568, 0.4950, -7.5164

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7524, 5.9656, -28.0845 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(30, 50, 102)` looks like.

```
.text, #text, p{  
    color:rgb(30, 50, 102)  
}
```

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(30, 50, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 50, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7524, 5.9656, -28.0845 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(30, 50, 102) }
```

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

```
.border{ border-color:rgb(30, 50, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 50, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 50, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 50, 102);  
box-shadow:4px 4px 4px 4px rgb(30, 50,  
102) }
```


Background

The CSS property to change the background color of an element to HunterLab 18.7524, 5.9656, -28.0845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 50, 102) }
```

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

```
.background{ background-color: rgb(30, 50,  
102) }
```

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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